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A new lily - Absolutely hardy

LIBRARY

JAN 29 1929



LILIUM DAURICUM

The best lily in existence for outdoor culture and landscape work.

\$2.00 or \$3.00 and it is a great pleasure for us to be able to offer first size bulbs—while they last at **each** (including packing and postage)80c

LILIUM DAURICUM—U.S. Department of Agriculture.

HABITAT—South East Siberia—perfectly hardy in all climates.

COLOR—Very dark red—Spotted.

HEIGHT—30 to 40 inches—many stalks throw from 9 to 22 blossoms.

BLOOMS—June 15th to July 1st.

From two bulbs which we imported 14 years ago we now have for the first time a sufficient quantity to offer you. Delivery will be made September 1st.

Every one of our customers should have at least one bulb of this beautiful flower. Imagine a red Easter Lily and you can readily see what an impressive flower is the Liliun Dauricum. Being a native of Siberia, the Dauricum is the one lily that is absolutely hardy in any climate in America and its beautiful upright flowers of deep dark red make it as one leading botanical authority has said—"A lily of rare merit." After seeing the flowers you will agree that the bulbs would be easily worth

Six New Varieties Flower Seeds, Page 3

"Baby Evergreens",- Each \$1. Page 12

Great Bargain Collections, Page 32

EMMA V. WHITE CO.

FLOWER SEEDS

MINNEAPOLIS,

1929

MINNESOTA

B. N. Shoemaker Vegetable Seed Trials JAN 28 1929

Your 1929 Garden

Your new year's garden will not be complete this year without at least one of the Liliun Dauricum Bulbs described on the outside front cover. With the exception of the Liliun Dauricum and Mixed Gladioli Bulbs and Evergreens we have entirely discontinued handling bulbs, shrubs and nursery stock. We are devoting our entire energies toward supplying you with the latest and finest in flower seeds. We are specialists in Zinnias, **Asters**, Pansies and Sweet Peas and call your attention to the excellent varieties contained in this catalog. We have six brand new novelties which will please you beyond all expectations. We also have a few vegetable seeds. Order liberally from this catalog remembering that we will replace without question anything which is unsatisfactory in any way. Remember also that the addition of more flowers to your yard and garden is not an expense but an investment—and one which can not be equalled from the standpoint of safety, interest or dividends.

TERMS

FREE DELIVERY—On all seeds in packages and up to one pound, we deliver to your door free. On quantities of one pound or more add 10 cents per pound for postage. Remittances should be made by money order or bank draft.

NON WARRANTY. We select all seeds, bulbs and plants with the greatest care and stand ready to replace anything which does not grow, but there are so many conditions of climate, soil and care that we do not in any way warrant the kind, description, quality or productiveness of anything we send out, nor will we in any way be responsible for the crop.

Seeds sent at once except varieties of which new crop has not been cleaned. These will be sent as soon as possible. Liliun Dauricum bulbs will be sent Sept. 1.

See Bargains — Page 28

PLEASE USE THIS ORDER SHEET

EMMA V. WHITE CO., Inc.

3926 Zenith Avenue South

Minneapolis, Minn.

B

Amount Enclosed \$.....

Do Not Write In
This Space

Name _____

Ladies, please use title Mrs. or Miss

Postoffice..... Date..... 192.....

Street and No.....

R. F. D. No. Express Office.....

P. O. Box No. County State

IMPORTANT—To avoid mistakes:

1. Write each item on a line by itself, as far as possible in the same order as in the catalog.
2. Use only the name that is printed in heavy black letters in the catalog.
3. State in the column at the left the quantity wanted and the price in the column at the right.
4. Always keep a copy of your order. If you do not receive your seeds within two weeks, inquire at once, giving date and copy of your order.

[illegible]

CARRY AMOUNT FORWARD TO NEXT PAGE. TOTAL

SPECIAL PREMIUM With each 50c order and 5 names we send you a Free Seed Collection

Below please find the names of women who have flower gardens and above my order for more than 50c for which please send FREE COLLECTION of 5 different kinds of seeds.

1. _____
2. _____
3. _____
4. _____
5. _____

PREMIUM SEEDS—Select one 5c pkt. flower seeds for every 25c of your order for vegetable and flower seeds in packets and ounces only. If premiums are not selected according to this offer, we reserve the right to make selection. Write your selection of premiums below.

NOTICE—No discount allowed on Plants, Shrubs and other items.

WRITE YOUR SELECTION OF PREMIUM SEEDS BELOW

- | | |
|----|----|
| 1. | 5. |
| 2. | 6. |
| 3. | 7. |
| 4. | 8. |

3. CULTURE OF FLOWERS—Free if asked for with an order of flower seed of 25c or over. Check this item if you wish a copy, as you may have one and not care for another.

Emma V. White's

NOVELTIES FOR 1929

1. LARKSPUR-LaFRANCE.

This new and outstanding variety is without question the culmination of beauty in the stock-flowered Larkspurs. The flowers are of a pleasing salmon-pink and the variety is much more vigorous and taller-growing than other light shades on the market today. The large well formed double flowers, well placed on the long stems to set off its attractiveness, present a beautiful appearance which has won it instant recognition from the most severe critics. Your 1929 garden will not be complete without this striking and popular annual. Our supply of seed is limited. Please order early. Trial package 20c; 2 for 35c.

2. SCABIOSA COLUMBARIA.

This is the South African form of the European Scabiosa. It can be briefly described as a hardy low growing perennial with fine light green foliage, some of the flowers measuring from two to two and one-half inches across with short compost petals, borne on long, slender, but strong stems. Valuable as a florist's cut flower. We offer this in two favorite colors—pink and lavender.

We consider Columbaria a valuable addition to the perennial list and urge you to try at least one package of each color. We have brought the price down within reach of all. Packet 15c.

3. ESCHSCHOLTZIA RAMONA.

A new California Poppy. Among the fancy varieties introduced during recent years, Ramona, stands out as a distinct and very charming type. The color is a pale but glittering coppery gold with pink shadings, and very pleasing to the eye. It is a frilled type which gives it the appearance of a semi-double. This usually attractive novelty should be included in every collection. Generous package 20c.

4. DELPHINIUM—EMMA V. WHITE'S HOLLYHOCK STRAIN.

This striking type is the result of several years of painstaking re-selecting by our plant hybridizer and is a fine mixture of all light shades, pale clear blue predominating. The flowers are large, truly double, well placed on long pyramidal spikes, their sturdy growth and appearance reminding one of a hollyhock. To those of you who wish a select strain of improved Delphinium for your perennial garden, we highly recommend it. Package 15c.

5. PETUNIA—NEW DWARF CALIFORNIA GIANTS.

By far the best strain of Giant Petunias for pot culture and for window boxes. We do not hesitate in recommending it and in saying that it is the most compact Giant Petunia with the largest and best formed flowers of any variety in existence. Considering that our actual growing costs average over \$600.00 per pound, we feel that we have priced this very reasonable. It is an exceptional strain. Standard size pkt., 30c.

6. INCARVILLEA-VARIABILIS.

A brand new perennial which if planted early in the Spring can be handled as an annual. Valuable for filling and border work and produces a good showing of medium sized, attractive trumpet shaped flowers the entire summer. Colors range from yellow and white to deep pink, with many shades of pink in the collection. A real valuable addition to the perennial border. Packet 25c.

If you order from our catalog in the amount of \$3.00 or more and your order is post-marked on or before February 1st, 1929, we will give you one package free. Please ask for it on your order.

Emma V. White's

NOVELTIES INTRODUCED IN 1928

1. NEW IMPERIAL JAPANESE SNAPDRAGONS (Giants).

Every year sees new development in this wonderful family of flowers. This new Imperial far surpasses anything yet introduced. The plants are very robust, forming spikes of beauty from 3 to 4½ feet tall. The flowers themselves are placed closely on the stems. All of loveliest and softest shades are found in the flowers. They are as easily grown from seed as any other Snapdragon. They must be staked for success. For cutting, these Snapdragons are unsurpassed.

APPLE BLOSSOM—Rosy pink, golden yellow lip.

BUNCH OF LILAC—Lilacy purple.

GOLDEN QUEEN—Deep yellow.

PURPLE KING—Deep glowing purple.

SNOWFLAKE—Pure white, yellow tube.

WALLFLOWER—Brownish orange, copper red.

MIXED—All colors.

Per pkt., 15c; one pkt. each of six varieties for 75c.

2. CENTAUREA CYANUS DOUBLE MINIATA.

A great improvement over the old-fashioned Bachelor's Button. Color is a brick red. Easily grown from seed, and it usually reseeds itself from year to year. Try these. Pkt. 10c.

3. SCABIOSA MAMMOTH FLOWERING PEACHBLOSSOM.

"Highly Commended" by the Royal Horticultural Society of Great Britain. A beautiful shade of Peach Blossom Pink, large size and long stems. An excellent cut flower. Pkt. 20c.

4. GIANT IMPROVED RANUNCULUS.

A truly wonderful new type. It is very strong and vigorous in habit with stems of blooms 18 inches to 2 feet in height, each flower very large, generally 3 to 4 inches in diameter, while the giant Florentine strain has flowers 4 to 5 inches in diameter. The very double flowers have most varied colors—white, shades of yellow, deep mauve, many shades of pink, rose, and crimson, with bronzy shades, some blotched and many picotee edged. Sow thinly in pans in good turfy loam in early spring. Seedlings will generally bloom the first year, but will be at their best the second year, grown out of doors from roots formed the first year. Our mixture includes seeds of the expensive Florentine strain. Per pkt., 25c.

5. NEW SNAPDRAGON—COPPER KING.

An excellent specimen of this grand family of flowers. Color is a velvety copper scarlet. Large pkg. 15c.

FERNOLA—Restores failing ferns and plants. Per pkg., 13c; 2 for 25c.

6. DOUBLE BACHELOR BUTTONS (*Centaurea Cyanus*.)

The Bachelor Button is one of the most popular annual summer flowers. It is easily grown from seed and it usually reseeds itself year after year. You must try these because the flowers are large and double; a great improvement over the old-fashioned variety.

DOUBLE MINIATA—brick red; **DOUBLE ALBA**—white; **DOUBLE ATROPURPUREA**—purple; **DOUBLE MAUVE**; **DOUBLE BLUE**; **DOUBLE ROSE**.

Per pkt., 10c; one pkt. each of six varieties, 49c.

7. PERENNIAL SCABIOSA CAUCASICA PERFECTA.

This is a very handsome perennial forming dense, spreading plants 2 or 3 feet tall. The flowers are 3 to 4 inches across of a beautiful lilac-blue shading to a deep blue and are borne on stalks $1\frac{1}{2}$ to 2 feet long. Grows in any good garden soil and produces flowers from early summer to frost. Per pkt., 15c; 2 for 25c.

8. DOUBLE ORANGE CALIFORNIA POPPY—*Eschscholtzia Crocea* Flora Plena.

Very fine double large orange flowers, almost like a Marechal Neil Rose, very select stock. The long stems make it splendid for cutting. Per pkt., 15c; 2 for 25c.

9. DELPHINIUM CARDINALE (Red Perennial Larkspur).

An unusual Delphinium growing 3 feet high. The orchid-like flowers are a brilliant scarlet in color. One of the most brilliant and effective varieties. Per pkt., 20c.

10. SANVITALIA PROCUMBENS (Double).

This little known flowering plant is a beautiful gem for rockeries, borders, beds., etc. It creates a sensation wherever seen. An annual of dwarf compact growth with showy bright yellow double flowers with jet black centers. In bloom all summer. Sow seed thinly in rows outdoors when maples are coming into leaf or start indoors in March. Per pkt., 15c; 2 for 25c.

11. CYNOGLOSSUM COELESTINUM BLUE GEM (Hound's Tongue).

A very beautiful annual with sky-blue cup-shaped flowers. The plant is of compact growth resembling the Forget-me-not. It blooms all summer. No special care is required to create attractive beds or borders with it. Sow in April or May, covering with $\frac{1}{4}$ inch of fine soil. Per pkt., 15c; 2 for 25c.

12. LEPTOSYNE STILLMANI.

This lovely annual plant has huge daisy-like flowers of a golden yellow color. It might be called a mammoth Cosmos. They are useful for cutting as they are borne on long stems on plants which grow about 20 inches tall. For extra early flowering the seed should be started during March. If sown in the open in April, they will flower in July. If sown in July a fine display may be had in late fall. Per pkt., 15c; 2 for 25c.

13. CALENDULA, ORANGE KING (True Strain).

Double, dark orange red, dark center, a very select strain grown with greatest care for our customers. The plants in the open ground attain a growth of 18 inches high and produce magnificent blossoms $3\frac{1}{2}$ inches in diameter. Per pkt., 10c; 3 for 25c.

We particularly call your attention to the Special Offer by Mr. Samuel Rush of the Rush Printing Co., to be found on the back cover. Please send your orders for Stationery directly to The Rush Printing Co. We guarantee that you will be satisfied.

Emma V. White's

SPECIALTIES OF 1928

SWEET PEAS

Nothing is more beautiful for bouquets nor more delicate for table decorations than sweet peas. This beautiful flower should have a place in your garden, as its long blooming season extends from late spring until late summer. Our varieties listed below contain the finest known to the seed trade. Order some TODAY.

Giant Spencer or Orchid Flowering

Our list includes 25 desirable standard sorts, tried varieties. All have the ruffled or wavy effect that marks this unique and beautiful type. Price of named Spencers, unless otherwise noted, packet, 10c.

AGRICOLA. Faint lavender and lilac. $\frac{1}{2}$ oz., 15c; oz., 25c.

ASTA OHN. One of the best lavender. Pkt., 15c; $\frac{1}{2}$ oz., 30c.

COUNTESS SPENCER. Large, handsome rose pink. $\frac{1}{2}$ oz., 20c; oz., 35c.

DOBBIE'S BLUE PICOTEE. White, violet blue edge. $\frac{1}{2}$ oz., 20c; oz., 35c.

FIERY CROSS. Intense orange scarlet. $\frac{1}{2}$ oz., 25c; oz., 45c.

GEORGE HERBERT. Rose Carmine. $\frac{1}{2}$ oz., 20c; oz., 35c.

HELEN LEWIS. Orange pink. $\frac{1}{2}$ oz., 20c; oz., 35c.

HENRIETTA. Cream pink, very frilled. Pkt., 15c; $\frac{1}{2}$ oz., 30c; oz., 50c.

ILLUMINATOR. Salmon orange, overlaid cerise pink. $\frac{1}{2}$ oz., 25c; oz., 45c.

KING EDWARD VII. The best pure red Spencer. $\frac{1}{2}$ oz., 20c; oz., 35c.

KING WHITE. Gigantic flowers, pure white. Pkt., 15c; $\frac{1}{2}$ oz., 30c.

KING MANUEL. Giant chocolate maroon. $\frac{1}{2}$ oz., 25c; oz., 45c.

KING MAUVE. Largest waved mauve. Pkt., only 15c; oz., 50c.

LADY EVELYN EYRE. Blush pink, white ground. $\frac{1}{2}$ oz., 25c; oz., 45c.

LORD NELSON. Navy blue, large flower. $\frac{1}{2}$ oz., 20c; oz., 35c.

MARGARET ATLEE. Rosy salmon on buff ground. $\frac{1}{2}$ oz., 25c; oz., 45c.

MRS. CUTHBERTSON. Standard rose pink, wings pinkish white. Pkt., only 15c; oz., 50c.

Early Flowering Spencer

Large waved flowers of the Spencer type, in bloom at least three weeks earlier than the ordinary Spencers and continue to bloom for a much longer period.

EARLY ASTA OHN. Lavender. Pkt., 15c; $\frac{1}{4}$ oz., 30c; oz., \$1.00.

EARLY MELODY. Rose pink. Pkt., 15c; $\frac{1}{4}$ oz., 20c; oz., 65c.

EARLY PINK AND WHITE. Blanche Ferry type. Pkt., 15c; $\frac{1}{4}$ oz., 20c; oz., 65c.

EARLY SONGSTER. Beautiful lavender. Pkt., 15c; $\frac{1}{4}$ oz., 25c; oz., 85c.

EARLY SONGBIRD. Pale blush pink. Pkt., 15c; $\frac{1}{4}$ oz., 20c; oz., 65c.

R. F. FELTON. The best lavender. Pkt., only 15c; oz., 60c.

THE PRESIDENT. Glowing scarlet self. Pkt., only 15c; oz., 35c.

WEDGEWOOD. Lovely self blue, light. $\frac{1}{4}$ oz., 25c; oz., 45c.

"EXHIBITION" COLLECTION. No. 351. One packet each of 25 varieties Spencer Sweet Peas for \$2.50.

Special Mixed Spencers

Made especially from the 25 varieties listed and other select sorts which, owing to short crop, we did not receive in quantities large enough to list separately. A high grade mixture sure to please. Pkt., 75 seeds, 10c; $\frac{1}{2}$ oz., 35c; $\frac{1}{4}$ lb., \$1.00.

SPENCER HYBRIDS. A splendid mixture of late introductions of the ruffled type, together with the best sorts from the trial grounds of one of our best growers. Pkt., 8c; $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 85c.

Grandiflora Varieties

This is a choice mixture of Sweet Peas and cannot be surpassed in variety or richness of color or size and substance of bloom. We make it ourselves and include in it not only the 8 varieties described above—a proved list of standard sorts, and very best in cultivation today—but a number of other named varieties and also a large percentage of the popular new wavy Spencer and Unwin types, thus making it thoroughly up to date. Pkt., 70 seeds, 5c; oz., 15c; $\frac{1}{4}$ lb., 45c.

Emma V. White Co's.

NEW SUPERB MAMMOTH BLOTCHED GIANT PANSIES

By far the most beautiful, most striking Pansy we have ever offered. The plants are of very robust growth with exceptionally vigorous foliage. Produces five-spotted flowers of enormous size on long, graceful stalks. Individual petals are exceedingly broad and cover each other in a manner which makes the flowers appear double. The border of nearly every petal is undulated and curled, making an appearance entirely new to the pansy family.

Most noticeable of all in this wonderful strain is the brilliancy and richness of color. Mixture contains many different colors including some entirely new shades of red and brown. Our quantity of seed is limited, so would advise early selection. Order some of these seeds this year and your Pansy Garden will be the talk of the town.

Trial pkt., 25c; large trade pkt., 40c; $\frac{1}{2}$ oz., 2.00.

200 sheets paper and 100 envelopes with your name and address for \$1.00

SEE SPECIAL OFFER ON BACK COVER PAGE

Last year I sent to you for Pansy seed and when they came I believe every seed came up and such Pansies. I had some 3 in. across and $9\frac{1}{2}$ in. stems. They were the most beautiful I ever raised and I have had my pansy bed for thirty years.

MRS. W. A. GRAHAM,
Williamsburg,
Pa.

L. B. 433.

April 21-27.

GIANT NAMED PANSIES**GIANT NAMED PANSIES**

Pkt., 100 seeds, 10c; 3 pkts., 25c.

Giant Blue. A splendid dark blue of immense size, the very best in blue.

Giant Black. New, nearly all jet black, very rare.

Giant Bronze. The popular art shades ranging from burnished brass to old gold.

Giant Masterpiece, or Giant Frilled, giving the flower a unique, double effect. All colors mixed.

Giant Red, or Madam Perrett. Dark wine, pink and red, beautifully veined and frilled.

Giant White. The finest and largest all-white pansy grown.

Giant Yellow. Huge, deep yellow, some with dark centers, some all yellow. Very showy.

Giant Lord Beaconsfield. Deep purple violet shaded to white.

FINEST MIXED PANSIES. A splendid mixture, including all the best bedding varieties, together with numberless other shades and combinations, a rare mixture. Pkt., 100 seeds, 5c; trade pkt. (1,000 seeds), for 30c; $\frac{1}{4}$ oz., \$1.00.

DANISH BEAUTIES. Remarkably beautiful new strain of Pansies in mixture, composed of rich self-colors and large flowers with curled petals. A bed of this class creates a peculiarly bright and light appearance. Pkt., 100 seeds, 10c; trade pkt., 50c; $\frac{1}{4}$ oz., \$1.60.

COLLECTION, No. 113. One packet each of Giant Exhibit, Mammoth Blotched and Danish Beauty Pansies, 38c.

EXHIBITION PANSIES

See page 11



Giant Pansy.

SWEET SCENTED PANSIES. Viola Cornuta or Tufted Pansy. The latest fad in parks and gardens. They are a cross between the pansy and the violet, and have the delightful perfume of the latter with blossoms more like the pansy, only much smaller. Plant them in masses and they will cover the beds with sheets of bloom throughout the season. Mixed. Pkt., 100 seeds, 6c; $\frac{1}{2}$ oz., 45c.

CLIMBING VINES AND FLOWERS

ALLEGHENY VINE OR MOUNTAIN FRINGE

ADLUMIA CIRRHOSA. A beautiful hardy climber, very desirable for covering trellises, stumps of trees, fences, etc. While an annual it reseeds itself from year to year and might well be considered a perennial. Beautiful soft foliage quite similar to Maidenhair Fern. Pretty flesh-colored and pink flowers resembling the Bleeding Heart. These should grow and blossom the first year from seed. Pkt., 15c.

CYPRESS VINE

A beautiful climber with delicate feathery dark green foliage, bearing bright velvety star-shaped flowers in scarlet and white. Very desirable for small ornamental trellises or wire supports, and may be grown in window boxes. Mixed. 30 seeds, 8c.

CANARY BIRD FLOWER

A very excellent climber for the porch or trellis; the growth is very rapid and the foliage very pretty. Bears curiously shaped canary yellow flowers with similar likeness to a bird with outstretched wings. We recommend this as one of the most desirable vines that can be grown from seed. Annual. Pkt., 20 seeds, 8c; $\frac{1}{4}$ oz., 30c.

THUMBERGIA — BLACK EYED SUSANS

This fine, slender growing climber from Africa is exceptionally useful for covering wire trellises and also for vases in the garden or house. They are very attractive if grown as a trailer on the ground. The colors are white, yellow and orange, and of each color there is a variety with white eyes and also black eyes—the latter being called "Black-eyed Susans." Blooms continuously from the first approach of summer until frost. Sow seeds indoors in March and outdoors in May. Pkt., 10c $\frac{1}{4}$ oz., 50c.

CARDINAL CLIMBER

We feel that everyone who has a flower garden should have this favorite climber. The vine quickly reaches a height of 30 feet or more. The blossoms are about $1\frac{1}{2}$ inches in diameter, in clusters of five to seven blooms each, and as the name indicates, are of a rich cardinal red. It likes sun and good soil, and develops to perfection in a sandy loam soil. If started in the open do not sow until warm weather, as the seed will rot in cold, wet ground. File each seed, or slightly cut through the outer covering, soak in lukewarm water over night, and sow in a warm place. Pkt., 10 seeds, 12c; $\frac{1}{4}$ oz., 50c.

SEE ALSO

Morning Glory, page 22.
Hyacinth Bean, page 21.
Boston Ivy, page 17.

JAPANESE KUDZU VINE
(*Pueraria Thumbergiana*)

This remarkable vine, often called "Jack-in-the-Beanstalk," will grow anywhere in the best or poorest soil. The growth is very rapid and it oftentimes reaches a height of 75 feet in one season. Fragrant purple flowers resembling a purple Wistaria; invaluable for covering porches, etc. Pkt., 15c; $\frac{1}{4}$ oz., 45c; $\frac{1}{2}$ oz., 60c.

MAURANDIA VINE

Graceful, delicate annual from Mexico. Fine for baskets and vases in sheltered positions, both the flowers and foliage being very beautiful. Our mixture consists of blue, white and mauve. Start indoors during March and set out when the weather is quite warm. Thrives in a rich, sandy soil. Pkt., 15c.

WILD CUCUMBER VINE

Makes the most massive covering. It is an old friend with people in the country and it is undoubtedly the best climber for covering verandas, trellises, etc., never suffering from the heat, but retaining its fresh and lively green color throughout the whole summer, whether hot or cold, wet or dry, never infested with insects, and very profuse in bloom. It will sow itself and come up every year in the same place. Pkt., 5c; $\frac{1}{2}$ oz., 20c.



Cardinal Climber

Novelties of Other Years

BALSAM APPLE (Momordica Balsamina)

Attractive rich cream flowers followed by small fruits about the size of a lemon. When the fruits are ripe they turn to a bright golden yellow color. The pulp of the fruit is blood red and contains large black seeds. Excellent for low fences. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

NASTURTIUM

TOM THUMB, "EMPRESS OF INDIA." A very select strain of this popular dwarf dark scarlet variety, with extra dark leaves. Pkt., 10c; oz., 25c.

SCARLET RUNNER

Highly ornamental as well as useful, both in foliage and flower and as pretty a climber as many of its more aristocratic neighbors, and the beans are good for the table if one wishes. Pkt., 12 seeds, 5c; oz., 10c.

I have so much faith in your seed that I don't want to try any other and my mother always used your seed when she lived, too.

Respectfully, Mrs. Bretts, 923 Circle Ave., Forest Park, Ill.

JAPANESE HOP

For rapid growing nothing is better than the Japanese Hop. The foliage is luxuriant, leaves being smaller and more delicate than those of the common hop, and are curiously marked with silver and yellowish white streaks. Pkt., 8c; 1-16 oz., 20c.

GIANT PINK MOONFLOWER. Of marvelous growth, the plants beginning to bloom nearly as soon as the Morning Glory. They remain open from four o'clock in the afternoon until about noon the next day, and cover the vines all summer and fall. Pkt., 8 seeds, 8c; $\frac{1}{4}$ oz., 20c.

MIMULUS (Monkey Flower)

Showy, profuse, flowering plants, with Gloxinia-like blossoms, fine for winter garden, or for moist, shady positions. A mixture of **Tigrinus**, or true Monkey Flower, and **Musk Plant**, noted for its fragrant foliage. Pkt., 500 seeds, 5c; $\frac{1}{8}$ oz., 24c.

NEW RED SUNFLOWERS

A really unique Sunflower. Plants are from 5 to 8 feet high and much branched, with flower heads varying greatly in size and color. Some produce rich chestnut-red blooms, some full rose, some red, tipped yellow, and others will be zoned with red, all very striking, though, as in most novelties, not every seed will come true. Pkt., 10c.

NEW RAINBOW SUNFLOWER. Obtained by blending three distinct types. The colors run through all shades of yellow in many combinations with brilliant reds and bronzes. A row will make a gorgeous sight in your garden. Pkt., 15 seeds, 8c.

MIGNONETTE

MACHET WHITE PEARL. The nearest to a real white that can be produced in a mignonette. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

GLADIOLI BULBS

A choice mixture of many different colors and varieties.

6 Bulbs	\$.30
12 Bulbs50
25 Bulbs75
50 Bulbs	1.35
100 Bulbs	2.50
1000 Bulbs	20.00

On quantities over 1 doz. add 15% for postage.

PLEASE NOTICE the "Baby Evergreens" on page 12, the new novelties on page 3 and the special offer of stationery on back cover.

200 sheets paper and 100 envelopes with your name and address for \$1.00

SEE SPECIAL OFFER ON BACK COVER PAGE

ALYSSUM, "CARPET OF SNOW." A new dwarf Alyssum, growing only 2 or 3 inches high, and flowering so profusely as to make a perfect carpet of white throughout the season. Splendid for pots and edgings. Pkt., 300 seeds, 10c; $\frac{1}{4}$ oz., 16c.

ABUTILON, NEW HYBRID FLOWERING MAPLE. A choice selection from newest hybrid varieties, in pure white, straw, yellow, rose, crimson and scarlet shades, with beautiful veins and markings. They bloom soon from seed and often give new and charming kinds. 3 feet. Mixed. Pkt., 30 seeds, 10c; $\frac{1}{8}$ oz., 50c.

SWEET PEA

EARLY GRENADIER. This is the most brilliant sweet pea yet introduced. A true early, everblooming type, of robust habit. The color may be best described as a glowing poppy scarlet; synonymous with our late flowering variety The Cardinal. Early Grenadier was awarded a Certificate of Merit by 'The Commercial Flower Growers of Chicago.' Pkt., 35c; $\frac{1}{2}$ oz., 1.00; oz., \$1.90.



Delphinium

LARKSPUR

DOUBLE STOCK FLOWERED TALL "EXQUISITE." The color of this charming new Larkspur is a beautiful soft pink and will be highly prized by seedsmen who cater to the florist's trade. Pkt., 10c; $\frac{1}{4}$ oz., 65c; oz., \$2.40.

PHYSALIS

(Chinese Lantern Plant)

Highly ornamental. The plant produces white flowers, which are followed by large, inflated husks, much the shape of Chinese lanterns, at first a green color, changing to brightest scarlet. Pkt., 10c; 1-16 oz., 30c.

CANDYTUFT

Price per pkt., 5c; 3 pkts., 12c.
GIANT HYACINTH. Listed also as Rocket and Empress. Each plant has from four to nine branches, crowned with a bunch of magnificent white flower spikes, sometimes 6 inches long. Annual, 8 inches. Pkt., 200 seeds, $\frac{1}{8}$ oz., 15c.

ANCHUSA

CAPE FORGET-ME-NOT. A rare annual of great beauty. Grows two feet high. It will thrive in a shady, out-of-the-way place where scarcely anything else will grow. It resembles a large beautiful Forget-Me-Not of deep blue color. Blooms all summer. Pkt., 10c; 1-16 oz., 15c.

DAISY

BURBANK'S SHASTA ALASKA. One of Luther Burbank's many important contributions to the floral world. It is perennial and absolutely hardy, and blossoms the first year from seed. The flowers are white with yellow center, extremely large and graceful, freely produced on long, stiff stems. Alaska is the largest and best variety. 2 feet. Pkt., 35 seeds, 10c; 1-16 oz., 25c. Other Daisies on page 18.

DELPHINIUM

Perennial Larkspur

No perennial border is complete without the stately Delphinium, or Larkspur, justly one of the most popular Perennials. Our mixture contains the Formosum, or Bee Larkspur, delicate Chinese varieties (fine for cutting) and the best hybrid varieties from the famous Kelway strain. If not allowed to seed they bloom almost continually. Pkt., 65 seeds, 10c; 1-16 oz., 40c.
PERENNIAL LARKSPUR. Light Blue Shades, hybrids of the beautiful Belladonna Larkspur. Mixed.
BELLAMOSA. Very dark blue.
GOLD MEDAL HYBRIDS. Fine giant flowering mixture.

MIXTURE OF ANNUAL FLOWER SEEDS FOR CUT FLOWERS

Due to the frequent requests from our customers asking for the best varieties of flower seeds for cutting we have compiled a special "Cut Flower Mixture" of the best annuals for cut flower purposes. This mixture will produce a glorious amount of flowers for cutting. By careful cultivation of the plants and by keeping the flowers cut close and not allowing seed pods to form you will be able to cut many hundreds of blossoms from this mixture.

CUT FLOWER MIXTURES. Pkt., 15c; $\frac{1}{2}$ oz., 30c; 1 oz., 50c; $\frac{1}{4}$ lb., \$1.50.

CUT FLOWER COLLECTIONS. For florists

and those who wish to grow cut flowers for commercial purposes, we strongly recommend this collection. One pkt. each of Asters, Candytuft, Calliopsis, Centaurea, Chrysanthemum, Clarkia, Cosmos, California Poppy, Gaillardia, Larkspur, Marigold, Mignonette, Nasturtium, Scabiosa, Snapdragon, Stocks, Sweet Peas, and Zinnias.

We recommend these varieties particularly because of the length of stem and good keeping qualities. We will send postpaid to any address one each of the 18 varieties listed above for \$1.00. If purchased separately would cost you \$1.50.

EXHIBITION PANSIES

Especially selected. We are offering this season, in this carefully selected strain from only the largest and most perfect flowers the best Pansy strain we have ever sold. It includes our attractive frilled Masterpiece, the many unusual shades of Madame Perret, or Red Pansies, and all our other charming named varieties of the Giant-flowering sorts, and is unexcelled in size, variety and beauty of bloom.

"Cannon City, Colo., June 1, 1920.

My Pansy plants from your seeds are producing the most wonderful blossoms I have ever seen.
Miss A. G."

Pkt., 100 seeds, 12c; trade pkt. (about 1,000 seeds), 75c; $\frac{1}{4}$ oz., \$2.25; oz., \$8.00.

CELOSIA (Cockscomb)

Pkt., 5c

CHINESE WOOL FLOWER. A new and unique Feathered Cockscomb. It grows 2 to 3 feet high, each branch covered with a great head of rich crimson flowers having the appearance of soft, silky wool. Very effective in beds and borders, splendid for cutting as it lasts many days, and dried it is a valuable addition to the winter bouquet. It blooms continuously until cut off by frosts. A much longer blooming period is obtained by starting seed indoors. Do not sow outside until settled warm weather. Pkt., 40 seeds; 1-16 oz., 25c.

LOBELIA

Much used for edgings; effective also for the hanging basket, rockery or porch box. The standard blue variety for edgings and vases. Pkt., 600 seeds, 8c; 1-16 oz., 20c.
CRYSTAL PALACE. A dwarf compact growing plant about six inches high. Purplish foliage with flowers of a deep violet blue. Fine for edgings.

DIDISCUS

QUEEN ANNE'S BLUE LACE FLOWER. This dainty and pretty flower has in the past couple of years become very popular and is found in the florists' shops everywhere, but even so it is easily grown and every one can have some. It somewhat resembles the Scabiosa, but is of a very peculiar shade of blue, a shade that is quite the thing these days. It is an annual and blooms profusely from July to November or a heavy frost cuts it down. Its exquisite, lacy-like flowers make it wonderful for cutting. The plants grow to a height of about eighteen inches and are literally covered with flowers most of the time. Pkt., 10c; $\frac{1}{4}$ oz., 50c; oz., \$1.60.

MARIGOLDS

Pkt., 5c.

TALL DOUBLE AFRICAN—ORANGE BALL. Large, perfect double-quilled flowers of a rich deep golden orange color; the finest of all and very showy. $\frac{1}{4}$ oz., 40c.

SCHIZANTHUS
(Butterfly Flower)

It is a quick germinating annual and is soon in bloom after planting. Its flowers are airy and of the lighter shades of pinks, yellows and lavender. It is good for border work, and in front of tall flowers. Make good pot plants from seed if sown in the fall. Pkt., 10c; $\frac{1}{4}$ oz., 15c.

SEND US YOUR ENTIRE
ORDER.

VERBENA (Mammoth)

LUCIFER. We can recommend this as one of the most brilliant scarlet Verbenas we have ever seen and the display of the variety in the Minneapolis parks the past summer was wonderful. It is an improvement over the Defiance, which in itself is an excellent variety, and it has no eye, thus making it a brilliant splotch of red. Pkt., 10c; $\frac{1}{4}$ oz., 75c; oz., \$2.75.

TRITOMA (Red Hot Poker Plant)

The **FLAMEFLOWER.** Fine for bedding or for the conservatory. A plant with gorgeous scarlet spikes, rivaling the Canna in brilliancy and the Gladiolus as a cut flower. They bloom from June until November, and are hardy, with protection, in most sections. New mixed hybrids. Pkt., 40 seeds, 8c; 1-16 oz., 25c.

PETUNIA

GIANTS OF CALIFORNIA, DOUBLE MIXED. Mrs. Wadsworth, a New York customer, says: "The Double Petunias were the handsomest I ever saw. I had 15 varieties and took first prize at our fair." Our mixture contains the very best strains of two expert growers who have devoted years to their development. Not all come double, but the seed will give a good percentage of deeply fringed double flowers in the brightest colors and most beautiful tints. Pkt., 75 seeds, 25c; 500 seeds, \$1.00.

GIANTS OF CALIFORNIA, SINGLE MIXED. This mixture will give as handsome Petunias as any on the market. Some will measure four or five inches across, the corollas being ruffled, fluted, or fringed, with extremely deep and large open throats. They appear in many shades and combinations, striped, blotched or solid in color. Splendid mixed. Pkt., 100 seeds, 20c; 500 seeds, 50c.

BALCONY QUEEN. Large flowering or Grandiflora, rich dark velvety purple, one of the best plants for window boxes or group planting. Use white flowers with the Balcony Queen for best effect in window box. Pkt., 25c; 500 seeds, 90c.

"FLUFFY RUFFLES." A superb strain of single Petunias, the most deeply ruffled and fluted of all. Exceedingly delicate and graceful. Mixed. Pkt., 100 seeds, 20c; 500 seeds, 65c. See also page 22.

Emma V. White's

ZINNIAS

1,000 Genuine Baby Evergreens, Each \$1.00

Thrifty little Norway Spruce and Black Hills Spruce. Will grow fast and beautify your yard as well as enhance the value of your property. Packed in wet moss—delivered to your door at \$1.00

GLADIOLI BULBS

An excellent northern grown mixture.

Large size. Per Dozen.....50c; 25 for 75c

Small size. Per Dozen.....25c; 25 for 40c

1. NEW GIANT DAHLIA FLOWERED ZINNIA (Awarded Gold Medal 1924 by Royal Horticultural Society of England.) See also page 11.

We take great pleasure in offering this beautiful new type of the old garden favorite again. The very robust plants, growing from 3 to 4 feet high, produce an abundance of 4 to 6-inch flowers resembling Dahlias of the decorative type. They are borne on strong stalks clear of the foliage, making them very desirable for garden decoration as well as for cut flowers. We offer them in the following varieties:

BUTTERCUP—A rare shade of deep creamy yellow.

DREAM—A fine deep lavender turning to purple. A new fine color.

EXQUISITE—By far the most pleasing color in our collection. A lovely Tyrian rose color.

ORIOLE—Mammoth blooms of deep orange and gold bicolor.

METEOR—A rich glowing red. The darkest of all the red shades.

POLAR BEAR—The best white yet seen in Zinnias.

MIXED. The above and other varieties mixed.

Per pkt., 20c; one pkt. each of six varieties for \$1.00.

“HIT-OR-MISS,” a fine collection of different kinds of flower seeds. Left over from last year but of good germination. LARGE PKT., 5c; Ounce, 10c.

Emma V. White Co's.
NEW GIANT MAMMOTH ZINNIA

New Mammoth Zinnia

THE LARGEST AND BEST. A showy strain of Giant Zinnias, unsurpassed where somewhat tall, gaudy effects are desired. With proper conditions the flowers are of gigantic size and perfect form, in the most brilliant and best Zinnia colors. Should be 18 to 24 inches apart. Height $2\frac{1}{2}$ to 3 feet. Pkt., 30 seeds, 10c; $\frac{1}{4}$ oz., 20c.

BURNT ORANGE. Bronze art shades, for which there is now quite a rage.

BRIGHT SCARLET.

JACQUEMINOT. A dark velvety geranium red, rivaling the Geranium for bedding.

PINK. Salmon-rose and flesh-pink.

SNOWBALL.—A very double white.

YELLOW. Lovely canary and other yellows.

BLACK PRINCE. Maroon.

IMPROVED HALF DWARF MIXED. Mixed or separate colors. Pkt., 5c.

COLLECTION. One full packet each of seven colors, 55c.

Zinnia, Double Giant, Buttercup

This is a great improvement on any yellow of the giant class, being of a rich buttercup shade of yellow, and holds its color until the flowers commence to fade, when it changes to a deep cream color. Pkt., 15c; $\frac{1}{4}$ oz., 30c.

Mexican Zinnia

Very artistic for cutting and highly effective as an edging plant. 1 foot. Pkt., 50 seeds, 5c; $\frac{1}{4}$ oz., 25c.

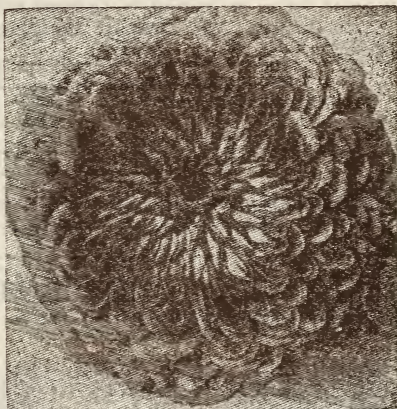
Liliput Zinnia

Finest mixed double. 12 inches The plants form handsome little bushes; flowers very double, about the size of an English Daisy

Bloom all summer until killed by frost. Pkt., 5c; $\frac{1}{4}$ oz., 18c.

Giant Picotee Zinnia

A remarkable new and distinct class with beautiful double flowers in shades of orange, flesh, lemon, pink and cerise, each petal being distinctly tipped with various shades of dark, resembling the Picotee Carnations—most attractive and pleasing. All colors mixed. Pkt., 15 seeds, 10c.



Giant Zinnia

SOME CHOICE ZINNIAS

Giant Victory Quilled Zinnia

The petals are quilled and twisted with a pin-wheel effect in the center. The outside of the petals is of a copper-golden color and the under side shades of rose and lilac. Pkt., 15c.

Red Riding Hood Zinnia

A little gem, covered throughout the season with small, intensely scarlet, very double flowers; highly effective for bedding. 1 foot. Pkt., 50 seeds, 5c; $\frac{1}{4}$ oz., 20c.

Curled and Crested

The flowers are large, the petals being twisted and curved into most graceful forms. Mixture of all colors characteristic of the Zinnia. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

Golden Pheasant

A variety of large Zinnias having flowers of a deep orange with maroon tips. Pkt., 15c; $\frac{1}{4}$ oz., 50c.

For other Zinnias see page 12

ORDER EARLY

Zinnia, Special Mixed

A splendid mixture of all the large flowering varieties listed, including the Dahlia Flowered, Picotee, Buttercup and Quilled. Pkt., 8c;

2 for 15c; $\frac{1}{4}$ oz., 20c.

For other Zinnias see page 12

See Also New Dahlia Flowered
Zinnia on Page 12

ASTERS

We specialize in the better varieties of Asters and we have built up a reputation for our Aster seeds that is the envy of seedsmen and florists. There are few if any flowers that make a better show than this popular garden annual. You should make several sowings of the early, mid-season and later varieties so as to have continuity of bloom. Ask for our "Culture of Flowers" when you order.

Emma V. White Co's.

DOUBLE CHRYSANTHEMUM FLOWERED ASTER

Without question, this is one of the finest and grandest Asters ever produced. The flowers of this beautiful variety, which may be cut with stalks from 1½ to 2 feet in length, measure up to 8 inches across, being densely double, and greatly resembling a large-flowering chrysanthemum. It is unequalled as a cut flower and wholly effective for tall beds and groups. Seed is grown for us on contract in Germany by one of the foremost growers of that country.

Colors: Deep Lilac, Crimson, Rose, Peach Blossom, Rose and White, Mixed. Each, per pkt., 25c; 2 for 40c.

The Asters I received from you last year were the best I have ever had, altho we had such a dry year.

Mrs. Jake Anderson,
Edgeley, N. D.

200 sheets paper and 100 envelopes with your name and address for \$1.00
SEE SPECIAL OFFER ON BACK COVER PAGE

EXHIBITION ASTERS

These are the finest strains which we have been able to grow in California. Immense blooms—good for cutting—good keeper.

EXHIBITION DARK BLUE AND PURPLE ASTERS

A mixture including these shades in the Comet, Crego, Invincible, Queen of the Market and Semple's and Royal and Upright classes. 7 sorts. Pkt., 10c.

EXHIBITION DEEP PINK AND ROSE ASTERS

A mixture of these shades in the following classes: Comet, Crego, Crimson Giant, Invincible, King, Royal, Upright and Semple's; also Lady Roosevelt; 9 sorts. Pkt., 10c.

EXHIBITION LAVENDER ASTERS

A mixture including lavender shades in the Comet, Crego, Invincible, Queen of the Market, Royal and Semple's classes; also Vick's Lavender Gem; 7 sorts. Pkt., 10c.

EXHIBITION LIGHT PINK ASTERS

A mixture of light pink, including all the light pink shades listed under Comet, Crego, Daybreak, Invincible, Peerless Pink, Rochester, Queen of the Market, Upright and Semple's classes; 9 sorts. Pkt., 10c.

EXHIBITION WHITE ASTERS

A mixture including Comet, Crego, Invincible, Rochester, Purity, Queen of the Market. Upright and Semple's; 8 sorts. Pkt., 10c.

EXHIBITION MIXED

This is a special mixture which we make ourselves, including large-flowering varieties only, in an attractive range of colors, especially designed for those who are growing for exhibition or commercial purposes, and we do not hesitate to class it with the best on the market. Pkt., 75 seeds, 5c; ¼ oz., 40c; ½ oz. of any variety Exhibition Asters, 40c.

ASTER

EVERLASTING FLESH. This curious aster was found in our fields a few years ago and it has retained its peculiar characteristics during the three years we have grown it in our trial grounds. It resembles a large Helichrysum; when cut and dried it retains its color and shape as an everlasting flower. Pkt., 15c; ½ oz., 65c; oz., \$4.00.

CALIFORNIA GIANTS. This wonderful aster is a hybrid species of the strength of the Beauty asters combined with the flower of the wonderful Crego asters. The flowers are larger and more substantial than the Improved Crego, are good shippers and reach a size up to six inches in diameter. They are very long stemmed and with their great size make them one of the most wonderful asters produced in recent years. Colors: Peach blossom, blue, rose, purple and mix. Pkt., 20c; 1-16 oz., 75c; ¼ oz., \$2.25; oz., \$8.00.

ASTERS



Enchantress Aster

ENCHANTRESS ASTERS. A splendid Aster. The plants are upright in habit, bearing immensely large flowers on long, strong stems. The color is soft pink, like that of the popular Pink Enchantress Carnation. The blooming period is an advantage, too, as they come between the mid-season and the late-blooming sorts. Pkt., 75 seeds, 8c; $\frac{1}{4}$ oz., 60c.

PEERLESS ASTERS. Said by experts to be the best shell-pink of its type. It is a cross between the pink Crego and late-branching shell-pink, but is more closely related to the latter class in form, color and season of flowering. They bear immense flowers, 4 and 5 inches across, of a beautiful rose or shell-pink color. Pkt., 60 seeds, 8c; $\frac{1}{4}$ oz., 40c.

GIANT CREGO ASTER. Pronounced by many the best Comet, or Ostrich Plume strain. The blossoms measure 4 to 5 inches, their graceful Chrysanthemum effect being heightened by the much twisted petals. Pkt., 100 seeds, 5c; $\frac{1}{4}$ oz., 40c. Lavender, purple, white, rose, mixed.

HEART OF FRANCE. Claimed to be the best red aster ever introduced. Opens red and retains its remarkable beauty to the very end. Plants large and robust, branching type, long stems with few laterals. Flowers large and full, with never a trace of hollow center. Mid-season. Pkt., 15c; $\frac{1}{4}$ oz., 75c.

LATE BRANCHING IMPROVED. This magnificent aster, an improved strain of Semple's branching, produces large double flowers borne on long, stiff stems and prized by florists for cut flowers. Excellent bedder. Use with Queen of the Market and Comet types and have a succession of beautiful asters from mid-summer to first frost. Pkt., 150 seeds, 8c; 3 for 20c; $\frac{1}{4}$ oz., 50c.

White, rose, crimson, pink, purple, lavender, mixed.

Collection, No. 906—One packet each of above separate colors, 40c.

AMERICAN BEAUTY. Similar in type and growth to the Late Branching Asters, large, full flowers with incurve petals and stout stems from 15 to 24 inches in length and longer flowering than any other aster. Should be planted early to give it a longer season of growth and it will continue blooming until killed by the frost. Especially desirable for cut flowers and recommended for florists' use.

Rose, pkt., 10c; Lavender, pkt., 15c; Purple, pkt., 10c; September Pink, pkt., 15c; $\frac{1}{4}$ oz., \$1.00. White or Mixed, pkt., 10c. Collection No. 903—One packet each, four colors American Beauty Aster, 40c.

BALL'S WHITE FLOWER is a sphere of pure white petals, borne on a long, stout stem, a mid-season variety. Pkt., 15c; $\frac{1}{4}$ oz., 50c.



American Beauty

ASTERS

QUEEN OF THE MARKET. If you want asters at the earliest possible date, this should be in your purchase. It comes from 2 to 4 weeks earlier than any other sort and is besides a handsome flower. Pkt., 100 seeds, 5c; 3 pkts., 12c; $\frac{1}{4}$ oz., 40c.

Crimson, blue, rose, lavender, mixed, pink, purple, white.

IMPERIAL DAYBREAK. Blossoms are very double and compact and have always been a favorite with florists, both because of their medium early-flowering period and for their own peculiar beauty. Pkt., 75 seeds, 8c; $\frac{1}{4}$ oz., 45c.

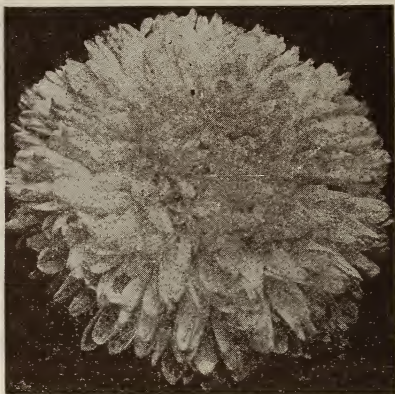
Purity Daybreak (pure white), Pink Daybreak, Lavender Daybreak, Salmon Pink Daybreak, mixed, all colors.

PEONY FLOWERED. One of the handsomest sorts, with very double, ball-like flowers, resembling a Peony or some of the new Chrysanthemums. Pkt., 100 seeds, 5c; $\frac{1}{4}$ oz., 30c.

Crimson, rose, white, blood red, dark blue, mixed.

GIANT COMET. A splendid new type of the Ostrich Plume Aster, with large Chrysanthemum-like flowers. Pkt., 50 seeds, 5c; $\frac{1}{4}$ oz., 50c.

Lavender, purple, white, rose, crimson, mixed.



American Branching Aster

VICK'S CARDINAL. A dark red aster, splendid for bedding, making a brilliant show from early August till the close of the season. Used in a mass they are as handsome as a bed of geraniums. Pkt., 50 seeds, 5c; $\frac{1}{4}$ oz., 40c.

WHITE PERFECTION. In form it is like the Upright Branching, the plants being tall, with abundant flowers of exquisite shape and very double, the centers strongly whorled, and with long, strong stems, splendid for cutting. Pkt., 50 seeds, 8c; $\frac{1}{4}$ oz., 40c.

VICK'S LAVENDER GEM. The best Lavender Aster. Comet form and excelling all other Lavender Asters in its delicate shade. Pkt., 50 seeds, 5c; $\frac{1}{4}$ oz., 40c.

LADY ROOSEVELT ASTER. This is an exceedingly mammoth Aster and is a rampant grower, producing immense flowers, 5 to 6 inches in diameter. The long, broad petals are curled, giving an appearance of a graceful chrysanthemum. Color of a deep rose-pink. Pkt., 75 seeds, 5c; $\frac{1}{4}$ oz., 35c.

CRIMSON GIANT. Dark blood crimson, of remarkable perfection of form and appearance, the flowers frequently measuring 5 inches across. Pkt., 75 seeds, 8c; $\frac{1}{4}$ oz., 50c.

KING ASTERS, QUILL TYPE. A distinct class, the long, narrow petals having somewhat the appearance of being quilled. Pkt., finest mixed, 75 seeds, 5c; $\frac{1}{4}$ oz., 30c.

SENSATION ASTER. This is the best brilliant red Aster that can be had. Pkt., 8c; $\frac{1}{4}$ oz., 50c.



White Perfection Aster

Emma V. White's

General List Flower Seeds

ABRONIA. Rosy lilac, good for rock work or hanging basket. Pkt., 6c.

ABUTILON. Flowering Maple. For description see page 5. Mixed. Pkt., 10c.

AGERATUM. Blue Perfection. Deep amethyst blue. Dwarf habit. Pkt., 8c.

Imperial Dwarf. 6 in. high, deep lavender color. Pkt., 8c.

ALYSSUM

Sweet White. Best for cutting. Pkt., 6c. $\frac{1}{4}$ oz., 18c.

Carpet of Snow. For description see page 10. Per Pkt., 10c; $\frac{1}{4}$ oz., 20c.

Little Gem. Splendid for cemetery plantings or for edgings. Very compact. Pkt., 6c.

Lilac Queen. Very pretty dwarf lilac flowers. Pkt., 6c.

AMARANTHUS. Splendid where tall effects are desired. 3 to 4 feet. Mixed pkt., 6c; $\frac{1}{4}$ oz., 25c.

ARCTOTIS GRANDIS. Easily grown and blooms with profusion through summer and fall. White with a blue center. Pkt., 6c; 1-16 oz., 20c.

AMMOBIUM ALATUM. Pretty annual silvery white flowers with yellow centers. Pkt., 5c.

ARTEMISIA. Very useful among shrubbery and in the border. Pkt., 5c.

ASPARAGUS SPRENGERII. Very desirable for hanging baskets or other decorations. Long feathery sprays. Excellent for bouquets. Pkt., 10c; 100 seeds, 45c.

ASPARAGUS PLUMOSUS. Very graceful and delicate. Will succeed anywhere. Good house plant. Pkt., 10c; 100 seeds, 90c.

ASPARAGUS MIXED. 4 seeds of each, 8c.

ASPERULA AZUREA SETOSA. Bright blue sweet scented flowers. 1 foot. Pkt., 6c.

BALSAMS

CAMILLA FLOWERED. Large waxy flowers. Very beautiful. Pkt., 8c.

Double Prize Mixed. Mixture of choice named varieties. Unexcelled in beauty and variety of colors. Pkt., 8c.

ROSE FLOWERED. Flowers well shaped and densely massed. Good mixture. Pkt., 8c.

SPOTTED MIXED. Pkt., 6c.

BALLOON VINE (Love-in-a-Puff). Annual climber. White flowers followed by balloon-like seed pods. Pkt., 8c.

BARTONIA. Aurea. Mass of yellow golden flowers. Very sweet scented. 2 feet. Pkt., 8c.

BEGONIA. Newest and best varieties. Very fine for potting or bedding. Pkt., 10c.

BOSTON IVY. Dark leaved creeping vine. Very attractive for walls and rockeries. Pkt., 8c; $\frac{1}{4}$ oz., 15c.

CALENDULA

Meteor. Double flowers, orange yellow with light streaks. Pkt., 6c.

Pluvialis. White flowers which remain closed in rainy weather. Pkt., 6c.

Pot Marigold. Fine for cutting. Bloom early and long, all shades of yellow and gold mixed. Pkt., 6c.

Other Calendulas on page 5.

CALCEOLARIA

Grandiflora. Gorgeous plant for greenhouse or window. Orchid-like blossoms. Bloom 8 months after sowing, bearing many curious flowers, spotted and blotched in a most unique manner. Pkt., 15c.

COSMOS — NEW MAMMOTH FLOWERING

Our grower says: "The blossoms, under ordinary field cultivation, average 4 to 5 inches across, surpassing in size any of the late varieties. From seed sown in the open ground, the 'white' blossoms in exactly 60 days, 'pink' in 65 days, 'crimson' in 70 days." Pkt., 8c; 3 for 20c; $\frac{1}{4}$ oz., 30c.

White, pink, crimson, mixed.

LADY LENOX. New varieties of gigantic size and beauty. Mixed. Pkt., 5c; $\frac{1}{4}$ oz., 25c.

LATE MAMMOTH FLOWERING. Regular strain. Pkt., 5c; 3 for 12c; $\frac{1}{4}$ oz., 25c.

White, pink, crimson.

CALLIOPSIS

DWARF BEAUTY. Bears a mass of golden yellow flowers with dark crimson centers. Pkt., 5c.

DWARF MIXED. Splendid sorts including best varieties. Splendid for edging. Pkt., 5c.

SPECIAL TALL MIXED. Single and double sorts including bronze red and gold shades. 18 in. Pkt., 5c.

CANNAS

BRONZED LEAVED. Pkt., 6c.

PRIZE MIXED. Splendid strain of the new dwarf crozy type; saved from the newest and best varieties. Pkt., 10c.

GIANT MIXED. Bronze and green leaved sorts. Pkt., 6c.; oz., 25c.

CANARY BIRD VINE. Pkt., 8c; $\frac{1}{4}$ oz., 30c. See page 8.

CANDYTUFT

GIANT HYACINTH. See page 10. Pkt., 10c.

ROSE CARDINAL and other beautiful crimson shades. Pkt., 6c; 3 pkts., 15c.

SPECIAL MIXED. Pkt., 150 seeds, 5c; $\frac{1}{4}$ oz., 15c.

CARDINAL CLIMBER. Pkt., 12c. See page 8.

CARNATIONS

GIANT MARGUERITE. Flowers are large and brilliant, very double and beautifully fringed. Included are yellow, scarlet, crimson, pink, and other good colors. Mixed Pkt., 100 seeds, 8c.

CHABAUDS. Everblooming. New French strain of hardy carnations. Mixed in choicest colors. Pkt., 8c; 1-16 oz., 40c.

SPECIAL MIXED. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

CENTAUREA CYANUS

(Bachelor's Button)

Also known as "corn flower," "blue bottle," and "ragged robin."

DOUBLE BLUE. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

DOUBLE ROSE PINK. Pkt., 8c; $\frac{1}{4}$ oz., 30c.

SPECIAL MIXED. Double and single. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

CENTAUREA IMPERIALIS (Sweet Sultan). Pkt., 8c; $\frac{1}{4}$ oz., 30c.

CASTOR BEAN

GREEN LEAVED. Pkt., 6c; oz., 15c.

RED LEAVED. Highly ornamental, being a mixture of 3 best red or bronzed leaved sorts.

Pkt., 8c; oz., 20c.

SPECIAL MIXED. Pkt., 5c; oz., 15c.

CELOSIA (Cockscomb)

CHINESE WOOL FLOWER. Pkt., 10c. See page 11.

Improved Ostrich Plume Cockscomb. A superb strain saved from a magnificent collection of exhibition varieties. With its beautiful shades makes it a brilliant garden display lasting until everything else is gone. Mixed. Pkt., 6c; 1-16 oz., 20c.

COCKSCOMB SPECIAL MIXED. Pkt., 150 seeds, 5c. $\frac{1}{4}$ oz., 25c.

CHRYSANTHEMUM

BRIDAL ROBE. It has beautiful fernlike foliage and is covered for a long period with hundreds of graceful white flowers, both double and semi-double. Hardy biennial, blooming the first year if started early. One to two feet. Pkt., 8c; $\frac{1}{4}$ oz., 30c.

NEW DWARF DOUBLE. Densely covered with small white cream or gold flowers. Very compact. Pkt., 5c; $\frac{1}{4}$ oz., 15c.

NORTHERN STAR. White, with yellow center, dark disc, flowers extra large and showy. Pkt., 5c; $\frac{1}{4}$ oz., 15c.

JAPANESE. Saved from choice house varieties. New varieties are often obtained from seeds. Pkt., 10c.

SPECIAL MIXED. Consisting of many choice varieties. Pkt., 150 seeds, 5c; $\frac{1}{4}$ oz., 15c.

CIGAR PLANT

Bushy plant, grows about 15 inches high and bears tubular flowers of brightest scarlet tipped with white. Makes a pretty show in hanging baskets, window boxes or in the flower garden. Pkt., 15c.

CINERARIA

Beautiful greenhouse plant, easily grown from seed and excellent for a house plant. Our mixture is made from two extra choice exhibition strains and come in brilliant shades of crimson, violet, purple and variegated. Pkt., 15c; 1,000 seeds, \$1.25.

FOR SICK PLANTS**USE****FERNOLA (Nature Food)**

Per Pkg. 13c; 2 for25c



Calliopsis

CLARKIA

A pretty desirable annual with racemes of white or varying shades of red. Very popular in European gardens. 1 foot.
DOUBLE OR SINGLE. Each per pkt., 5c; 1/8 oz., 20c.

COBEA SCANDENS

A beautiful climber for either outside or for the window garden. Grows 20 to 30 feet, branches freely and is especially fine for Northern regions. Bell shaped flowers open a clear green but soon turn to a lovely lilac blue. Pkt., 10c; 1/4 oz., 20c.

COIX LACHRYMAE (Job's Tears)

Cornlike leaves suitable for perennial border and often grown for the hardy shiny seeds for use in basket and raffia work. File the seeds and sow in a warm place. Two to three feet. Pkt., 5c; oz., 20c.

CARDINAL CLIMBER. See page 8.

COLEUS

Our assortment includes the handsome crinkled and highly colored varieties in best combination of colors. Pkt., 10c.

COSMOS

Several of the best varieties will be found on page 17.

SPECIAL MIXED. Pkt., 5c.

CUT FLOWER MIXTURES. See page 10.

CYPRESS VINE. See page 8.

CYCLAMEN

Charming window plants, with ornamental foliage and richly colored orchid-like flowers in pink, white and crimson shades. They are easy to raise from seed, scarcely a seed failing to germinate.

CYCLAMEN GIGANTEUM. A splendid large-flowering strain, mixed in all the Cyclamen colors. Pkt., 12 seeds, 17c; 100 seeds, \$1.00.

BUTTERFLY CYCLAMEN. A new type of surpassing beauty in which the edges are deeply waved or crinkled. Pkt., 10 seeds, 17c; 100 seeds, \$1.20.

CRIMSON KING. A brilliant and dazzling shade of crimson. Pkt., 10 seeds, 17c; 100 seeds, \$1.20.

PEARL OF ZEHLENDORF. Splendid novelty with large salmon rose flowers. Pkt., 10 seeds, 18c; 100 seeds, \$1.25.

WHITE LADY. Undoubtedly the most beautiful white now grown. For purity of colors, size and shape it cannot be equalled. Pkt., 10 seeds, 17c; 100 seeds, \$1.20.

LORELY. A wonderful shade of dark lilac blue, something quite new. Pkt., 10 seeds, 15c; 100 seeds, \$1.20.

DATURA

Also called Trumpet Flower or Sweet Nightingale. Bears immense funnel shaped blossoms in white, lilac and yellow, delicately scented, there being as many as 200 blossoms on a single plant in a season. Double and single mixed. Height, 2 to 4 ft. Pkt., 5c; 1/4 oz., 20c.

DIDISCUS. See page 11.

DAHLIAS

Dahlias are easily raised from seed and beautiful new varieties are often obtained in this way.

DOUBLE CACTUS DAHLIAS. Flowers less 1-16 oz., 25c.

DOUBLE DAHLIAS. Best mixed. Pkt., 8c; regular and formal, giving additional grace and charm. Pkt., 8c; 1-16 oz., 35c.

PEONY FLOWERED. Very large and showy, resembling a peony. Pkt., 8c.

PRIZE MIXED. A wonderful mixture of the best strains. Pkt., 6c.



Swan River Daisy

DAISY

ENGLISH DAISY. No flower has more often been the theme of the poet than the dainty English Daisy. They bloom the first year; with protection the plants live over winter, their blossoms being the first to greet one in the spring. Pkt., 125 seeds, 5c; 1-16 oz., 25c.

LONGFELLOW DAISY. The "wee modest crimson tipped flower." Dainty rose blossoms. Pkt., 6c.

SNOWBALL. An extra large, very double pure white daisy. Pkt., 5c.

AFRICAN. Plants are low growing, covered with flowers in shades of yellow, deep orange and salmon. Easily grown from seed. Do best in a dry sunny position. Height, 10 inches. Pkt., 5c.

MARGUERITE. A hardy perennial bearing golden yellow, blossom all summer. Excellent for cutting. 18 to 24 inches. Pkt., 5c. 1/4 oz., 15c.

SWAN RIVER DAISY (Brachycome). Charming little plants with feathery foliage and pretty cineraria or star-like flowers. Pkt., 5c.

LITTLE BLUE STAR. A new improved variety. Blue star-like flowers. Pkt., 5c.

DRACAENA

INDIVISIA. Long, narrow leaves, very effective if grown in pots for use in window boxes. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

DUSTY MILLER

Valuable foliage plant. Used to mass with dark leaved plants or for edging beds. Pkt., 8c; 1-16 oz., 20c.

ESCHSCHOLTZIA

(California Poppy)

Each Variety, 5c per pkt.; $\frac{1}{4}$ oz., 15c.

BURBANK'S NEW CRIMSON. The best crimson flowered type.

GOLDEN WEST. The California state flower. A brilliant yellow.

VESUVIUS. Dark reddish maroon. Very striking.

WHITE ROSEA. Bright rosy pink.

CALIFORNIA POPPY MIXED. All of the best varieties.

EUPHORBIA

SNOW ON THE MOUNTAIN. Foliage is veined and margined with white. 3 to 4 feet. Pkt., 6c; $\frac{1}{4}$ oz., 35c.

EUPHORBIA MIXED. Pkt., 6c; $\frac{1}{4}$ oz., 35c.

FEVERFEW (Matricaria)

DWARF SNOWBALL. Clusters of pure white double flowers, very desirable for bedding. Pkt., 6c.

DWARF GOLDEN BALL. Very effective when used with Snowball. Pkt., 6c.

GOLDEN FEATHER. Low growing, golden variegated foliage. Pkt., 6c.

TALL SNOWBALL. Sometimes attains the height of 3 feet. Double white blossoms, hardy perennial. 1-16 oz of any of the above varieties, 25c.

FLAX

SCARLET OR PINK. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

FOUR O'CLOCKS

Have the children plant some of these flowers with beautiful bright colors and sweet odor. Effective as a background. Height, 2 to 3 feet. **MIXED.** Pkt., 5c; $\frac{1}{4}$ oz., 15c.

FREESIA

NEW HYBRIDS. These flowers may be grown from seeds as well as from bulbs, and will bloom within a year. Flowers are deliciously fragrant. Mixed pkt., 10c.

EVERLASTING (Strawflowers)

Everlasting flowers, when wanted for winter bouquets, should be picked before fully open, and hung head downward to dry. Pkt., 5c; any 3 pkts., 12c; $\frac{1}{4}$ oz., 15c.

ACROCLINIUM ROSEUM. One of the most beautiful Everlastings. Flowers are double, a delicate rose pink with golden center. Pkt., 75 seeds.

GLOBE AMARANTH. The plants bear great quantities of clover-like blossoms. Attractive in bud and flower. Mixed. Pkt., 75 seeds.

HELICHRYSUM MONSTROSUM. Straw Flower. The blossoms are large and extra double in many shades of yellow and scarlet, about as showy as Asters. Mixed. Pkt., 150 seeds.

RHODANTHE. Flowers are deep blood red, rose and yellow shades, with dark eyes. Mixed. Pkt., 125 seeds.

STATICE LATIFOLIA, or Sea Lavender. Large clusters of delicate pale lavender flowers, splendid for garnishing a bouquet of

coarser flowers. Fine also dried for the winter bouquet.

XERANTHEMUM. Beautiful violet and rose-colored flowers. Both buds and flowers are handsome to save. Pkt., 150 seeds.

MIXED EVERLASTINGS. A mixture of the above named varieties, affording a splendid assortment. Large pkt., 5c; $\frac{1}{4}$ oz., 25c.

COLLECTION OF EVERLASTINGS. No. 107. A full packet of each of six varieties, 22c.

GODETIA

SATIN FLOWER. Blossoms have a satiny lustre and range in color from brilliant red thru rose to delicate pink and lavender. Fine for shady places. Height, 8 in. Pkt., 6c; $\frac{1}{4}$ oz., 16c.

GOURDS

Fine to trail over an odd corner, fence or brush heap. Children enjoy the striped and odd shaped Gourds. Pkt., 5c; large pkt., 12c.

GAILLARDIA

PICTA. See page 27.

PICTA LORENZIANA. Double Gaillardia mixed shades. Pkt., 5c; $\frac{1}{4}$ oz., 15c.

GERANIUM

LADY WASHINGTON. Has dainty flowers in Rose, Blue or White and graceful green foliage. 1 foot. Pkt., 15c.

NEW CALIFORNIA GERANIUM. This mixture contains a splendid strain and new and interesting varieties can often be obtained in growing Geraniums from seeds. Pkt., 6c.

GILIA

Flowers lavender and white with dark throat; height 9 in. Pkt., 5c; $\frac{1}{4}$ oz., 15c.

GLADIOLUS

Many new valuable varieties are often produced from seedlings. Our mixture contains choice strains. Pkt., 10c.

GLOXINIA

Popular greenhouse and conservatory plants with gorgeous bell shaped flowers and ornamental foliage. Many brilliant shades are found in this mixture of better varieties. **MIXED.** Pkt., 15c; 1,000 seeds, \$1.50.



Helichrysum

GREVILLEA

A beautiful fern-like plant developing into a fine plant in two or three months. Highly ornamental. Height, 2 ft. Pkt., 8c.

GYPSOPHILA

ANNUAL BABY'S BREATH. Pkt., 5c; 3 for 12c. Also see page 27.

HELIOTROPE

LE MOINES GIANT. A mammoth strain producing immense heads in all the beautiful Heliotrope shades. Pkt., 8c.

MIDNIGHT. Beautiful dark bronze green foliage. Stems as black as midnight; flowers dark purple variegated with white and lighter purple. Pkt., 10c.

**LINARIA**

EXCELSIOR. Also called Annual Snapdragon. Beautiful flowers ranging from white to yellow, pink and blue. Height, 1 foot. Pkt., 10c; ¼ oz., 25c.

HYACINTH BEAN

Rapid climbers; ornamental in all stages, foliage, flower, and pod. Pkt., 10 seeds, 5c; any 3 pkts., 12c; oz., 15c.

PRINCESS HELEN OR "DAYLIGHT." Long spikes of snowy white flowers, followed by equally snowy white pods.

PURPLE OR "DARKNESS." Both blossoms and pods are a glossy dark purple.

SCARLET. Blush, deepening to dark red.

MIXED. All the above mixed.

LOBELIA

Much used for edgings; effective also for hanging basket, rockery or porch box.

CRYSTAL PALACE. See page 11.

EMPEROR WILLIAM. Has a sky blue flower with light green foliage. Pkt., 8c.

HAMBURGIA. A trailing Lobelia. Large dark blue flowers. Pkt., 8c.

1-16 oz. of any of the above varieties, 20c.

HOLLYHOCK

Pkt., 5c

ALLEGHENY. A handsome semi-double strain, very popular because of its long flowering season. Mixed. Pkt., 50 seeds; ¼ oz., 40c.

NEW ANNUAL HOLLYHOCKS. A new strain that bloom from seed the first year; also valuable for their unusually long blooming period. Mixed. Pkt., 50 seeds; ¼ oz., 40c.

SINGLE HOLLYHOCKS MIXED. Single Hollyhocks have a much longer blooming period than double sorts. Pkt., 50 seeds, ¼ oz., 30c.

ICE PLANT

A trailing plant with curious foliage covered with glossy globules, looking like minute drops of dew. Pkt., 8c; ¼ oz., 12c.

JAPANESE HOP. See page 9.

JAPANESE KUDZU VINE. See page 8.

KOCHIA

Also called Summer Cypress, or Mexican Fire Plant. Beautiful decorative plant; grows quickly, forming neat compact ball shaped bushes, which in the fall turn to a brilliant red. Our strain is much improved over the ordinary variety. Pkt., 5c.

LANTANA

This is one of the brightest and vari-colored of the annual bedding and border plants. Somewhat resembles the Verbena, being in bloom constantly. Pkt., 8c; ¼ oz., 15c.

LARKSPUR

IMPERIAL MIXED. Choice improved strain made up from special varieties. Height, 2 feet. Pkt., 5c; ¼ oz., 15c. Also see page 5.

LAVATERA

An improved form of the annual Mallow. Very desirable for the garden and splendid for cutting. Pink and white mixed. Pkt., 5c; ¼ oz., 15c.

HONESTY (Moonwort)

A fine biennial having a silvery seed pod often used for house decoration. Pkt., 6c.

HUNNEMANIA (Bush Poppy)

Plants grow about 2 ft. high with a heavy feathery foliage. Blooms until frost. Pkt., 6c; ¼ oz., 20c.

GRASSES (ORNAMENTAL)

Indispensable for ornamenting the border and for winter bouquet. Pkt., 5c.

LUPINS

Long graceful spikes of various colors, pea shaped flowers; valuable where tall effects are desired. Pkt., 6c; oz., 25c.

MIMULUS (Monkey Flower). See page 9.

MARIGOLDS

TALL DOUBLE AFRICAN ORANGE BALL. See page 11.

TALL DOUBLE AFRICAN—LEMON BALL. A counterpart of the Orange Ball, except in color, which is soft lemon yellow. $\frac{1}{4}$ oz., 40c.

DWARF SINGLE FRENCH, LEGION OF HONOR (Little Brownie). Compact bushes 9 inches high, flowering June to frost; color, golden yellow, marked with a large spot of velvety crimson at base of each petal. Best for edging. $\frac{1}{4}$ oz., 20c.

TALL FRENCH MARIGOLD, MIXED. Plants grow as tall as the Eldorado, but the blossoms are small like those of the Dwarf French, blooming till latest frosts. Splendid for cutting. Pkt., 100 seeds; $\frac{1}{4}$ oz., 25c.

DWARF FRENCH, SELECTED, MIXED. The Dwarf Marigolds form ornamental little bushes about one foot high and are especially suitable for window vases, bordering walks or edging of beds. In bloom till late fall. Gold edged, spotted and dark shades. 100 seeds in pkt., $\frac{1}{4}$ oz., 25c.

COLLECTION, No. 249. 1 full packet each of the 5 varieties, 20c.

MAURANDIA VINE. See page 8.

MIGNONETTE

ALLENS DEFIANCE. Very fragrant and fine for cutting. Pkt., 5c; $\frac{1}{2}$ oz., 15c.

CRIMSON GIANT. Very large flowered and of a glossy red color. Pkt., 5c; $\frac{1}{2}$ oz., 15c.

MACHET WHITE PEARL. See page 9.

MIXED. A splendid mixture of newest and best varieties. Pkt., 300 seeds, 5c; $\frac{1}{2}$ oz., 13c.

MIMULUS (Monkey Flower). See page 9.

MOONFLOWER

EARLY GIANT. The Southern Moonflower, of whose beauty and fragrance so much is told. This is a new hybrid variety from 40 to 60 days earlier than the old style, bearing just as large and beautiful flowers. It comes into flower in the extreme north about August 15, from seed sown May 1. Starting it indoors gives a longer period of bloom. Pkt., 8 seeds, 8c; $\frac{1}{4}$ oz., 20c.

GIANT PINK MOONFLOWER. See page 9.

MORNING GLORY

MORNING GLORY, MIXED. The old-fashioned, common, Morning Glory. A splendid mixture of named varieties. Pkt., 75 seeds; oz., 10c.

BRAZILIAN MORNING GLORY. Very ornamental, because of the hairy appearance of the leaves and the tiny brown spines that cover the branches and stems; rose colored flowers. $\frac{1}{2}$ oz., 35c.

DOUBLE WHITE TASSEL MORNING GLORY. The vines are great climbers and are covered with pretty, fringed white blossoms, proving very effective. Pkt., 15 seeds; $\frac{1}{4}$ oz., 20c.

HEAVENLY BLUE MORNING GLORY. Large beautiful sky-blue flowers. Sow seeds indoors and transplant outside when warm. Pkt., 7 seeds; $\frac{1}{4}$ oz., 35c.

JAPANESE MORNING GLORY. The rich, velvety colorings of the common Morning Glory are intensified in these gorgeous varieties. Mixed. Pkt., 50 seeds; $\frac{1}{2}$ oz., 10c.

ROCHESTER MORNING GLORY. Vick's introduction, remarkable for size, beautiful color and prolific bloom. The throat is violet blue,

blending to azure blue with white border. Pkt., 15 seeds; $\frac{1}{4}$ oz., 20c.

MORNING GLORY COLLECTION, No. 260. One packet each of the above 7 varieties, 6 whole packets for 22c.

NASTURTIUMS**Dwarf Varieties**

Pkt., 5c; $\frac{1}{2}$ oz., 10c; oz., 15c.

SPOTTED KING OR LADYBIRD. Indian yellow, spotted cardinal red, calyx and spur ruby.

AURORA. Terra Cotta.

EMPRESS OF INDIA. Dark scarlet and dark leaved.

CRYSTAL PALACE GEM. Sulphur spotted red.

PEARL. Light cream, nearest to white.

GOLDEN QUEEN. Bright yellow, golden leaved.

KING THEODORE. Velvety maroon.

VESUVIUS. Brilliant salmon pink.

Mixtures of Dwarf Nasturtiums

DWARF IVY LEAVED MIXED. Distinct Ivy-shaped leaves, with fringed flowers. Pkt., 25 seeds, 5c; $\frac{1}{2}$ oz., 10c; oz., 15c; $\frac{1}{4}$ lb., 45c.

DWARF LILIPUT, MIXED. Extra, dwarf dense bushes almost hidden by the mass of bloom standing well above the foliage. Especially adapted for edgings. Pkt., 25 seeds, 5c; $\frac{1}{2}$ oz., 10c; oz., 15c; $\frac{1}{4}$ lb., 45c.

Our Special Dwarf Mixture

Especially prepared for us from named sorts, including all the dwarf sorts described on this page, as rich and varied an assortment of colors as any other mixture offered. Pkt., 25 seeds, 5c; $\frac{1}{2}$ oz., 10c; oz., 15c; $\frac{1}{4}$ lb., 45c.

Nasturtium Collections

DWARF COLLECTION, No. 270. One full packet of each of our eight named dwarf varieties for 30c.

TALL COLLECTION, No. 271. One full packet of each of our six named tall varieties for 25c.

The two collections for 50c.

Tall Varieties

Pkt., 5c; $\frac{1}{2}$ oz., 10c; oz., 15c.

GIANT OF BATTLE. Sulphur yellow, blotched red.

JUPITER. Best deep, golden yellow.

KING OF BLACKS. Dark crimson maroon.

MOONLIGHT. Exquisite light cream-yellow.

FIMBRIATA. Beautiful fringed varieties.

TWILIGHT. Rose or salmon-rose.

Mixtures of Tall Nasturtiums

GIANTS OF CALIFORNIA. Large flowering strain of many choice varieties. Pkt., 30 seeds, 5c; $\frac{1}{2}$ oz., 8c; oz., 12c; $\frac{1}{4}$ lb., 35c.

TALL IVY-LEAVED MIXED. Peculiar ivy-leaved foliage and fringed flowers. Pkt., 25 seeds, 5c; $\frac{1}{2}$ oz., 10c; oz., 15c; $\frac{1}{4}$ lb., 45c.

TALL VARIEGATED LEAVED, MIXED. Leaves variegated with yellow, white and green, affording something new for decorating. Pkt., 25 seeds, 5c; $\frac{1}{2}$ oz., 10c; oz., 15c; $\frac{1}{4}$ lb., 45c.

Our Special Tall Mixture

For richness and variety of color this can not be excelled. We make it ourselves and include all the tall varieties named on this page and many others. Pkt., 25 seeds, 5c; $\frac{1}{2}$ oz., 10c; oz., 15c; $\frac{1}{4}$ lb., 45c.

NICOTIANA

AFFINIS. The sweet-scented tobacco plant; large, white flowers of delicious fragrance; height, 2 to 3 feet. Pkt., 5c; 1-16 oz., 15c.

SANDERAE HYBRIDS. Small graceful flowers, many different colors. Pkt., 5c; 1-16 oz., 20c.

MIXED. Best of the popular varieties. Height 2 to 3 feet. Pkt., 500 seeds, 5c; 1-16 oz., 20c.

NIGELLA

"Love in a Mist" or "Ragged Lady." Lacy fernlike foliage in mixed shades of blue or violet flowers. Height, 1 ft. Pkt., 5c; ¼ oz., 15c.

NOLANA

LITTLE BELLS. Charming trailing plant with bell shaped blue flowers. Effective for pots, rock work or hanging baskets. Pkt., 5c; ¼ oz., 15c.

OENOTHERA (Evening Primrose)

Good for sunny places in the rocky or borders and are in bloom most of the summer. Yellow and white flowers are mixed. Pkt., 6c; 1-16 oz., 18c.

PANSY. See page 7 for choicest varieties.

PERILLA

A Coleous decorative plant with ornamental leaves sometimes of a bronzy purple or of an extra deep reddish purple with frilled edges, pretty for the border where tall effects are desired or to edge a bed of Cannas or Castor Beans. Height, 1½ feet. Pkt., 5c; ¼ oz., 15c.

**PEPPERS, ORNAMENTAL**

The cultivation of small fruited peppers for the window or ornamental garden is exciting much attention and there are many new and odd sorts which are interesting to grow besides being of use for seasoning. Mixture of best varieties. Pkt., 5c; ¼ oz., 15c.

PHLOX

STAR. A very pretty annual phlox with blossoms resembling a many pointed star and with an array of colors that make it a very dainty flower for any garden. Pkt., 10c; ¼ oz., 30c.

Phlox Drummondii

The Phloxes are the showiest and most easily raised of all annuals. The Grandiflora is a large-flowering strain, both the single florets and the flower heads being very large and

showy. Pkt., 150 seeds, 6c; 3 pkts., 15c; ½ oz., 40c.

PHLOX, SALMON PINK. Very effective in a mass by itself, or with white.

PHLOX, SCARLET. Almost as handsome for bedding as Geraniums.

PHLOX, WHITE PERFECTION. Pretty for the cemetery or design work.

Phlox, Special Mixed

All the preceding sorts and many other special colors mixed. Pkt., 150 seeds, 6c; ¼ oz., 25c.

Dwarf Phlox

The plants grow quite compact, the blossoms forming a floral crown for each little plant which will last for weeks. Splendid for edging and ribbon bedding. Pkt., 100 seeds, 6c; ¼ oz., 45c.

DWARF PHLOX, RED. Blood red.

DWARF PHLOX, WHITE. Pure white.

MIXED. Pkt., 5c; ¼ oz., 40c.

PETUNIAS

LILIPUT MIXED. Dwarf compact plants with richly colored starred and mottled flowers. Pkt., 10c; 1-16 oz., 25c.

ROSY MORN. Splendid for bedding, potting or edging, covered with delicate rose pink flowers. A very popular variety. Pkt., 10c; 1-16 oz., 25c.

SNOWBALL. Dwarf plants with white flowers. Pkt., 10c; 1-16 oz., 25c.

VIOLACIA. Bedding strain of the Balcony Queen. Plants and blooms smaller. A rich violet purple. Pkt., 10c; 1-16 oz., 30c.

SPECIAL MIXED. Best single strains mixed. Pkt., 10c; 1-16 oz., 30c.

PETUNIAS. For Giants of California, Superb, Fluffy Ruffles and the rich dark Balcony Queen, see page 11.

BEDDING PETUNIAS

BLOTCHED AND STRIPED. Beautifully striped and mottled, and exceptionally fine for baskets, vases and for massing. Pkt., 10c; 1-16 oz., 25c.

PINKS**DIANTHUS AND CHINENSIS**

Pkt., 200 seeds, 5c; 1-16 oz., 12c

Fireball. A splendid new variety, a dark blood red, very double.

Snowdrift. A large double white.

Eastern Queen. Beautiful single variety with rose and white marbled flowers.

Double Diadem Mixed. Large double flowers, petals fringed and marked with a broad white edge.

Giant Heddewigi, or Japanese Single Mixed. Finest selected single-flowered; mixed.

Collection, 6 full pkts., 25c.

SCOTCH OR GRASS PINK.

A magnificent new strain of perpetual blooming Pinks, with colors of exquisite beauty, and marked by a deep velvety-red eye and clover-like odor. Double and single mixed. Pkt., 25 seeds, 12c.

PINKS, SPECIAL MIXED

All the preceding kinds, mixed (excepting Scotch Pink). Pkt., 200 seeds, 5c; ¼ oz., 30c.

POPPY

DOUBLE VARIETIES. Pkt., 500 seeds, 5c; any 3 pkts., 12c; $\frac{1}{4}$ oz., 15c.

Double Scarlet. Brilliant red.

White Swan. Pure, white, fringed edges.
Double Mixed. Splendid mixture of strains of Peony-flowered, Carnation-flowered, and almost every variety of double poppy grown.

SINGLE POPPY. Splendid mixture, including the best sorts. Pkt., 5c; $\frac{1}{4}$ oz., 10c.

SHIRLEY POPPY. Often called Silk or Ghost Poppy because of the sheeny lustre of the rich colors. No better mixture of poppies than these. Pkt., 5c; 1-18 oz., 15c.

AMERICAN LEGION. A dazzling orange scarlet borne on long stout stems, single type. Pkt., 10c; $\frac{1}{4}$ oz., 60c.

SPECIAL MIXED. Single and Double varieties. Pkt., 4c; 1-18 oz., 10c.

COLLECTION OF POPPIES. One full packet of 5 different mixed kinds. Includes the single double Shirley, Iceland and Oriental kinds. 5 pkts., 20c.

For other Poppies, see pages 5, 27.



Double Poppies.

PORTULACA

DOUBLE PORTULACA. Mixed. Low trailing annuals, with double flowers like charming little roses. Many brilliant colors. Pkt., 200 seeds, 8c; 1-16 oz., 30c.

SINGLE PORTULACA. Mixed. Pretty to mass in a bed or on some sunny slope. Pkt., 400 seeds, 5c; $\frac{1}{4}$ oz., 12c.

POLYANTHA (Baby Rose)

Also called Rosa Polyantha Multiflora Nana or "Little Midget." A charming plant, 10 in. high, bearing clusters of minute roses only 1 in. across. Blooms the first season, altho not attaining perfection until the second year. Very beautiful. Pkt., 8c.

PRIMULA

MALACOIDES. The Baby Primrose, with a profusion of lavender or white flowers, blooming in 4 or 5 months. Pkt., 15c.

OBCONICA. Ever-blooming variety. Lilac tinted. Pkt., 10c.

PRIMROSE. Hardy Primrose Mixed. A choice mixture, hardy except in extreme North. Pkt., 10c.

FRINGED GIANTS MIXED. Splendid mixture of new fringed varieties. Pkt., 10c.

RAINBOW CORN

An improved fancy strain as beautiful and decorative as the Dracaena. In some the leaves are variegated; in others there are large stripes of all the colors in the rainbow. Nothing like it for decorative purposes. Pkt., 5c.

SALPIGLOSSIS

A splendid mixture made from named varieties; contains yellow, orange, crimson, bronze, lilac, blue, purple, and almost black shades, the petals being beautifully penciled. Height, $1\frac{1}{2}$ to 2 feet. Pkt., 5c; 1-16 oz., 15c.

SALVIA (Scarlet Sage)

AMERICA. Uniform in growth and coming into bloom early. Pkt., 8c; 1-16 oz., 40c.

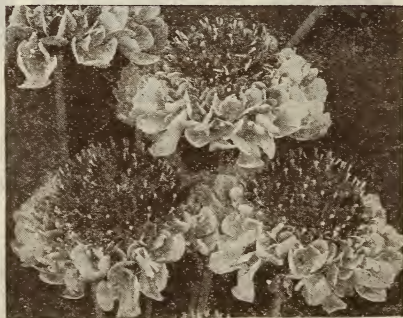
BONFIRE. Symmetrical bushy plants from 2 to $2\frac{1}{2}$ feet high with sometimes as many as 200 flowers to a plant. Best variety for bedding. Pkt., 8c; 3 pkts., 20c; 1-16 oz., 30c.

GRANDIFLORA. Tall with long spikes brilliant scarlet. Pkt., 8c; 1-16 oz., 25c.

SCABIOSA**Mourning Bride**

Our own special mixture of named varieties, the very best I can offer. Valuable for cutting and for exhibition purposes. $2\frac{1}{2}$ feet. Pkt., 60 seeds, 5c; $\frac{1}{4}$ oz., 15c.

Separate Colors: Lilac, Rose, Scarlet, Purple, Yellow, White, Azure Fairy, Flesh and Mixed. Collection No. 111. 8 full pkts., 30c.



Scabiosa

SCARLET RUNNER. See page 9.

SCHIZANTHUS (Butterfly Flower). See page 11.

SENSITIVE PLANT

Cultivated for its curious habit of closing its leaves at the slightest touch. Children always enjoy it. Pkt., 5c; $\frac{1}{4}$ oz., 40c.

SMILAX

No climbing plant surpasses the Smilax, not only for its graceful beauty, but for its value in decoration. Pkt., 5c; 1-18 oz., 15c.

SNAPDRAGONS

One of the finest bedding plants, being constantly in bloom throughout the summer. Should be started early. 1 to $1\frac{1}{2}$ feet. Pkt., 300 seeds, 5c; 1-16 oz., 25c.

COTTAGE MAID. Pink, white throat.

CRIMSON QUEEN. Bright crimson.

DEFIANCE. Orange red.

FAWN. Terra cotta pink and pale yellow; extra fine.

GOLDEN QUEEN. Rich deep yellow.

QUEEN OF THE NORTH. Pure white.

FIREBRAND. Rich deep red.

COLLECTION No. 115. One full pkg. each of the above 7 sorts, 28c.

MIXED TOM THUMB. This class produces pretty little bushes about six inches high and are especially adapted for edging. Pkt., 5c; 1-16 oz., 25c.

GIANT MIXED. A splendid mixture of these old-fashioned favorites, including those named above and many other brilliant shades. Pkt., 5c; 1-16 oz., 15c.

NEW GIANT SNAPDRAGON

See page 4

SPIDER PLANT

Also called Electric Light Plant. A tall bushy annual covered with huge clusters of white or lilac flowers which throw out long stamens resembling spiders' legs. Bees like it and hover about it all day. Blooms from July until frost. Height, 3 to 5 feet. Pkt., 8c; $\frac{1}{4}$ oz., 15c.

STOCKS

Pkt., 5c; 1-16 oz., 35c

DWARF EARLY STOCKS MIXED. Large flowering, brilliant shades and among the earliest to bloom. Pkt., 75 seeds.

DRESDEN PERPETUAL (Cut, and Come Again). Rose. Best for cutting.

SPECIAL MIXED. A mixture of all the best types and colors.

STOKESIA

NEW HYBRIDS. Also called the Corn Flower Aster. A mixture of blue, white, yellow and purple varieties. Hardy perennial. Height, 18 in. Pkt., 5c; $\frac{1}{4}$ oz., 25c.

SUNFLOWERS

Pkt., 5c; any 3 pkts., 12c; $\frac{1}{4}$ oz., 18c.

CHRYSANTHEMUM - FLOWERED. Magnificent flowers 4 to 6 inches in diameter, very double, with long fringed petals. 5 to 6 feet.

DOUBLE MIXED. A choice mixture, containing Mammoth Globosus Fistulosus, the Chrysanthemum-Flowered and several other sorts.

SINGLE MIXED. New types of the Stella, or "Cut and Come Again" Sunflower. The plants are branching and bushy and the flowers are like great yellow daisies. All fine for cutting. 3 to 5 feet.

SPECIAL MIXED. A mixture of the above. An opportunity to try all our choice sorts.

For new Red Sunflowers see page 9.

TAGETES (Miniature Marigolds)

It is covered the entire summer with brilliant orange yellow flowers; good for borders. Pkt., 5c.

THUNBERGIA (Black Eyed Susan). See page 8.

TRITOMA (Red Hot Poker Plant) See page 11.

VERBENA**Mammoth**

Pkt., 100 seeds, 5c; any 6 pkts., 35c; $\frac{1}{4}$ oz., 25c

AURICULA - FLOWERED. Large. flowers with distinct white eyes in the center of each floret.

PINK. Fine pink shades.

ITALIAN STRIPED. Various colors striped on white ground.

PURPLE. Deep rich purple.

SCARLET DEFIANCE. Beautiful scarlet.

WHITE. Pure white, extra large.

FORDHOOK MAMMOTH MIXED. A splendid mixture with exceptionally large flower trusses, including all our named varieties, also best strains of several prominent growers. As fine as any of the highest-priced mixtures.

LUCIFER. See page 11.

Miss Emma V. White,
Minneapolis, Minn.

I am always satisfied with your seeds. Yours truly, Ruth Krumm,
Decorah, Iowa. R. 3.

VINCA

ROSEA. Good for the window or for bedding. Blossoms are white or white with crimson centers or all crimson. Profuse bloomer. Height, 20 in. Pkt., 5c; 1-16 oz., 15c.

WILD CUCUMBER VINE. See page 8.

ZINNIA. See pages 12, 13.

PERENNIALS

ACHILLEA

THE PEARL. Popular perennial of pure white double flowers. Good for floral pieces or bouquets and for cemetery planting. Height, 1½ feet. Pkt., 10c; 1-16 oz., 25c.

ACONITUM

FISHERI (Monkshood). Large, porcelain blue hood-shaped flowers valuable for borders and cutting. 2 feet. Pkt., 10c; 1-16 oz., 25c.

ADONIS

Early spring flowering with large yellow blossoms. Pkt., 10c; ¼ oz., 20c.

AGROSTEMMA

ROSE OF HEAVEN. Flowers of light rose shaded white. Pkt., 10c; ¼ oz., 15c.

ALYSSUM

SAXATILE. Fine for permanent borders; of low spreading growth, producing bright yellow flowers in the spring. Pkt., 10c; 1-16 oz., 20c.

ANCHUSA. See page 10.

ANEMONE

CORONARIA (Poppy Anemone). Hardy plants fine for permanent borders. Height, 10 in. Mixed colors. Pkt., 10c; 1-16 oz., 25c.

ANTHEMIS

TINCTORIA (Golden Marguerite). Pretty hardy plant with finely divided leaves. Golden yellow daisy-like flowers. Height, 2 to 3 feet. Pkt., 10c.

AQUILEGIA (Columbine)

Popular hardy perennials producing graceful spurred flowers on stems 2 feet or more above the beautiful dark green foliage. Easily grown from the seed. Pkt., 10c; 1-16 oz., 40c.

CHRYSANTHA. Long spurred golden yellow.

CHRYANTHA ALBA. Large pure white.

COERULIA, HYBRIDS (Rocky Mountain Columbine). Blue and pink mixed with yellow.

JAETSCHAUL. Yellow with red tip.

SKINNERY. Large scarlet, extra fine.

COLLECTION. One full packet each of five colors, 40c.

LONG SPURRED COLUMBINES. Mixed splendid large flowering, long spurred varieties. If not allowed to seed these sorts will bloom through a good part of the summer. Pkt., 10c; ¼ oz., 40c.

ARABIS

Early flowering and hardy, having an abundance of snowy white blossoms. Commonly known as Rock Cress. Pkt., 10c; ¼ oz., 20c.

ARMERIA

FORMOSA. The Cliff Rose. Thrives in crevices and crannies of rock. Resembles a deep green moss and keeps green all thru the winter. Pkt., 10c; ¼ oz., 25c.

ASTERS (Perennial)

Can be sown from seeds in the spring and where the season is long enough will usually bloom the following fall. They run in purple and white, and are very attractive. Pkt., 10c; ¼ oz., 25c.

AUBRETIA

HYBRIDA GRANDIFLORA. Large flowers in white, red, and blue shades mixed. Very useful. Pkt., 10c; 1-16 oz., 50c.

BOCCONIA

CORDATA. Also called Plume Poppy or Tree Celandine. Admirably adapted for planting in the shrubby borders, center of beds and in most any position. Grows easily attaining from 6 to 8 feet in height. Creamy white blooms during July and August. Pkt., 10c; ¼ oz., 25c.

BOLTONIA

Pink and white colors mixed, resembling Perennial Asters. Tall stems. Pkt., 10c.

CANTERBURY BELLS

Much attention is now paid to this stately, old-fashioned flower. Easily grown from seed and fine for the Perennial Border. Hardy biennial. 2½ to 3 feet. Pkt., 400 seeds, 10c.

"CUP AND SAUCER." A showy strain, with flowers resembling a cup and saucer. A single plant bears from 100 to 200 blossoms. Mixed. 1-16 oz., 20c.

DOUBLE MIXED. With bells doubled or trebled. 1-16 oz., 20c.

PINK SHADES. Choice pink shades. 1-16 oz., 15c.

SINGLE MIXED. A splendid prize strain. 1-16 oz., 15c.

SPECIAL MIXED. My above four strains mixed, nothing finer. 1-16 oz., 15c.

CARPATICA (Carpathian Hare-Bell.) A pretty, compact species, not exceeding eight inches high. Flowers clear blue, one inch in diameter. Blooms from June to last of October. 1-16 oz., 20c.

MEDIUM. Old-fashioned Canterbury Bell. In three colors, pink, blue and white. Our stock has been grown from the finest strain of seed. Two to three feet. June-July. 1-16 oz., 15c.

PERSICIFOLIA. Grows 1½ feet high, and produces a great number of blue flowers in loose clusters from June to July. 1-16 oz., 30c.

PYRAMIDALIS. A most attractive plant for the border, forming a perfect pyramid covered with large, blue and white flowers. Four to six feet. Blooms in August. 1-16 oz., 25c.



HARDY CANDYTUFT

GIBALTARICA. Large showy flowers; lilac shading to white. 1 to 2 feet; blooms April and May. Pkt., 10c; 1-16 oz., 60c.

CERASTIUM

STARRY GRASSWORT. Low creeping perennial with greyish woolly leaves, sprinkled with starry, pure white flowers. Fine for rockery or edgings. Pkt., 20c; 1-16 oz., 60c.

DAISY

SHASTA ALASKA. One of Luther Burbank's introductions. Flowers are white with yellow centers extremely large and graceful, produced on long stiff stem. Height, 2 feet. Pkt., 10c; 1-16 oz., 25c.

COREOPSIS

Clear golden yellow daisy shaped blossoms with long stems that make it an excellent cut flower. Hardy and a very robust grower. Pkt., 10c; 1/4 oz., 25c.

DELPHINIUM (Perennial Larkspur). See page 10.

DIANTHUS

HARDY GARDEN PINKS. Charming summer flowering border plants more or less fragrant; should be planted in every garden. Pkt., 10c; 1/4 oz., 25c.

PLUMARIUS (Scotch Pinks, Pheasant's Eye, Grass Pinks). Pretty fringed, single flowers of various colors. Pkt., 10c; 1/4 oz., 25c.

SWEET WILLIAM (*Dianthus Barbatus*). A well-known, free-flowering, hardy perennial, producing a splendid effect in beds, mixed flower and shrubby borders, 2 feet. Pkt., 10c; 1/4 oz., 25c.

DIGITALIS

FOXGLOVE. Easily grown from seeds and fine for partially shaded places. Covered with thimble shaped flowers in many beautiful colors. Height, 3 to 5 feet. Splendid mixture. Pkt., 10c; 1-16 oz., 25c.

FLAX

PERENNIAL FLAX, MIXED. Blue or white flowers. Beautiful and charming. Very hardy. Pkt., 10c.

FORGET-ME-NOT

MYSOTIS. Most desirable sorts in varying shades of blue, some early, some late. Many will bloom the first year. Height, 6 in. Pkt., 10c; 1-16 oz., 20c.

GAILLARDIA

THE BLANKET FLOWER. Resembling a daisy but of very large size and very showy. Excellent for cutting and very easily grown. Deserves a place in every garden. Pkt., 10c; 1/4 oz., 15c.

GYSOPHILIA

BABYS BREATH. Extensively used for decorating and its mist-like sprays add greatly to a bouquet. Height, 1 1/2 feet. Pkt., 10c; 1-16 oz., 15c.

DOUBLE PYRETHRUM

Featured in our 1927 catalog. PRICE

NOW, Per Pkt., 15c; 2 for 25c

HIBISCUS

MARSH MALLOW MARVELS. A wonderful large flowering plant that can be grown from root or seed. Blooms very profusely with blossoms eight inches across in pink, red and white. Pkt., 10c; 1/4 oz., 25c.

HOLLYHOCK (Double)

Constant experimenting by hybridizations and selections has secured flowers of extreme size and fullness, unsurpassed in beauty and variety of colors. Many are rosette-shaped and all will please the most fastidious. Pkt., 10c; 1/4 oz., 75c.

DOUBLE, PINK, RED, MAROON, ROSE, CRIMSON, WHITE AND YELLOW. Separate, each, pkt., 40 seeds.

SPECIAL DOUBLE MIXED. My special mixture of the above named and other English Prize Hollyhocks, all of the choicest double sorts grown. Pkt., 50 seeds, 10c; 1/4 oz., 60c.

SINGLE MIXED. Pkt., 10c; 1/4 oz., 70c.

A NEW PERENNIAL SCABIOSA

See page 5

LYCHNIS

CHALCIDONICA. Handsome scarlet, hardy perennial plants of easy culture, for massing in beds and borders, blooming the first year if sown early. Pkt., 10c; 1/4 oz., 30c.

HAAGEANA. Grows about one foot high. Mixture in brilliant orange, scarlet, crimson, etc. Pkt., 10c; 1/4 oz., 75c.

LUPINS

POLYPHYLLUS. Reaches a height of over two feet with beautiful flower spikes. A perennial. Pkt., 10c; oz., 30c.

LATHYRUS

PERENNIAL PEAS. Succeed in most any soil. In colors of white, pink, red and lavender. Flowers resemble a giant sweet pea. Pkt., 25c; 1/4 oz., 65c.

MALVA

(MUSKMALLOWS). Good border plants. Classed as a perennial in warm localities. In cold climates as biennials. They have sweet scented flowers of a rose and a white shade. Pkt., 10c; $\frac{1}{4}$ oz., 15c.

MATRACARIA

FEVERFEW (*Capensis* fl. pl.). A free flowering plant, producing all season. Fine double white flowers suitable for pot or bedding. Pkt., 10c; 1-16 oz., 20c.

PENSTEMON

LARGE FLOWERING HYBRIDS MIXED. A fine large flowering mixture. They are good planted in groups, and give a brilliant color effect in one's garden. They are about two feet in height, blooming profusely. Pkt., 10c; 1-16 oz., 25c.

PHLOX

HYBRIDA. These seeds are from named varieties. The plants attaining a height of about four feet and in many colors. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

PHYSALIS (Chinese Lantern Plant.) See page 10.

PLATYCODON

The Japanese Bellflower. It is also very hardy, and before the blossoms burst open they form miniature toy balloons and then when ready open with a pop. Rather low-growing and can be used in border work. Pkt., 10c; 1-16 oz., 25c.

POPPY

ICELAND POPPY "EXCELSIOR." Comes in shades ranging from white to deep orange scarlet, double and single, with petals beautifully crinkled. Pkt., 10c; 1-16 oz., 15c. See also page 4.

RUDBRECKIA

The purple cone flower blooms all summer in the form of a giant purple daisy. Lasting qualities are unexcelled. Pkt., 10c; 1-16 oz., 40c.

SALVIA

SALVIA FARINACEA. The foliage is silvery-gray and it bears, throughout the season, hundreds of long spikes of silvery lavender-blue, flowering the first season. Very showy and attractive. 3 feet. Pkt., 75 seeds, 10c; $\frac{1}{4}$ oz., 50c.

SALVIA ARGENTEA. Silver-leaved Salvia. Prized for its showy, woolly-white foliage growing in a large tuft. The second year a tall spike is thrown up, crowned with a heavy panicle of whitish flowers. Biennial. Pkt., 50 seeds, 10c; $\frac{1}{4}$ oz., 15c.

STATICE

Sea Lavender. It is used extensively in the making of bouquets the same as Baby's Breath is used and is even more fluffy and dainty. Pkt., 10c.

**SWEET ROCKET
(Hesperis)**

A hardy perennial bearing great panicles of white or lilac-colored flowers. Almost as showy as Perennial Phloxes. Will naturalize along fences or woodlands and bloom abundantly every year. Mixed colors. Pkt., 10c; $\frac{1}{4}$ oz., 15c.

SWEET WILLIAM

Very showy, with a wonderful range of colors. Fine for border work. Pkt., 10c.

VALERIANA

An old-fashioned plant, about two feet high, which blooms from June to October. The flower heads are large and beautiful, bright red in color, and of spicy fragrance. Its long spikes of fragrant flowers make it an excellent border plant and suitable for cutting. Pkt., 10c; $\frac{1}{4}$ oz., 15c.

FERNOLA

will make your Sick Plants well. It is Nature's Food.

Per Pkt., 13c, 2 for25c

ASTERS

SINGLE CHINENSIS. All colors mixed. Includes scarlet, blue, lavender and white. Pkt., 5c; $\frac{1}{4}$ oz., 40c.

LILIPUT ASTERS, MIXED. A very desirable variety because of its diminutive flowers and the abundance in which they are produced. Fine for bouquets. Pkt., 5c; $\frac{1}{4}$ oz., 25c.

ASTERMUM. Well named, because the shaggy flowers are really more like Chrysanthemums than Asters. Plants are branching with long stems but rather dwarfer than the Comet type. White, rose, lavender, mixed colors. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

For other Asters see page 14.

BIG BARGAINS

Extra Large Pkg.

Christmas Sweet Peas5c

Double Perennial Baby's Breath 10c

Cosmos, Special Mixed5c

Iceland Poppy5c

COLLECTIONS

Flower Seeds, - 3c per pkg.

FIVE PACKETS FLOWER SEEDS, 15c.

Each of these collections contains 5 packages of high tested seeds which regularly sell at 5c and 10c per package. We offer them to our customers at 15c for the 5 packages, or 3c per package. Order by number:

- Collection No. H1**—One package each Balsam, Scabiosa, Gypsophila (Baby's Breath), Snapdragon (Giant), Japanese Flower Garden (mixture of 16 kinds)15c
Collection No. H2—One package each Aster—exhibition varieties, Zinnia Giant Mammoth, California Poppy, Snapdragon (Improved Giant), Japanese Flower Garden.....15c
Collection No. H3—One package each Sweet Alyssum, Shizanthus (Butterfly Flower), Spencer Sweet Peas, Celosia—Ostrich Plume, Japanese Flower Garden.....15c
Collection No. H4—Petunia—choice mixed, Cosmos (Extra Early Novelty,) Nasturtium Liliput Dwarf, Old Fashioned Garden Pinks, American Legion Poppy15c
Collection No. H5—Climbers—all kinds mixed (Vines and Flowers), Old-Fashioned Perennial Garden (mixture of old favorites), Tall Branching Larkspur, Portulaca or Moss Rose, Marigold—French Giants15c

- New 1929 Novelties**Page 3
"Baby Evergreens"Page 12
Gladioli BulbsPage 12
Fernola (plant food for failing plants).....
Outside Back Cover
Lilium DauricumFront Cover
PLANT LICE—A very effective remedy for disease and infected plant life, 2 oz. bottle postpaid ...37c

NOTICE THESE NICE COLLECTIONS

- Collection for Border around Lily Pool, Rockery or Flower Garden—No. K101**
 One packet each: Hound's Tongue, Sanvitalia Procumbens, Sweet Alyssum, Lobelia.
Special price for collection29c
Collection of Perennials—No. K102
 One packet each of Delphinium, Foxglove, Pyrethrum, Canterbury Bells, Lupins, Platycodon, Anemone.
Special price for collection49c
Collection of Mourning Bride (Scabiosa) very good for cutting—No. K103
 One packet of Lilac, Rose, Scarlet, Purple, Yellow, White, Azure Fairy, Flesh.
Special price, any four packets19c
All eight packets for35c

Miss Emma V. White, Minneapolis, Minn.

I am always satisfied with your seeds. Yours truly, Ruth Krumm, Decorah, Iowa. R. 3.

Dear Miss White:—

Over twenty years ago when I was just a small girl I ordered seeds from you and thinking back I remember how perfectly beautiful were some sweet peas from your seeds. Just now I want to plant some pansy seeds in a cold frame for spring use.

Respectfully, Geneva S. Ogden, 937 Fifth St., Lawrence, Kansas.

Reliable Vegetable Seeds

ASPARAGUS

Palmetto. Pkt., 5c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

BEANS

Dwarf Wax Varieties:

Improved Golden Wax. Pkt., 5c; $\frac{1}{4}$ lb., 15c; lb., 45c.

Green Pod Varieties:

Bountiful. Pkt., 5c; $\frac{1}{4}$ lb., 15c; lb., 45c.

Full Measure. Pkt., 5c; $\frac{1}{4}$ lb., 15c; lb., 45c.

Refugee Late. Pkt., 5c; $\frac{1}{4}$ lb., 15c; lb., 45c.

Stringless Green Pod. Pkt., 10c; $\frac{1}{4}$ lb., 15c; lb., 45c.

Bush Lima Beans:

Fordhook bush. Pkt., 5c; $\frac{1}{4}$ lb., 15c; lb., 45c.

Pole Limas:

Early Leviathan. Pkt., 5c; $\frac{1}{4}$ lb., 15c; lb., 40c.

King of the Garden. Pkt., 5c; $\frac{1}{4}$ lb., 15c; lb., 40c.

Pole Beans:

Kentucky Wonder. Pkt., 5c; $\frac{1}{4}$ lb., 15c; lb., 35c.

Kentucky Wonder Wax. Pkt., 5c; $\frac{1}{4}$ lb., 15c; lb., 35c.

BEETS (Table)

Crosby's Egyptian. Pkt., 5c; $\frac{1}{4}$ lb., 30c; lb., 90c.

Detroit Dark Red. Pkt., 5c; $\frac{1}{4}$ lb., 30c; lb., 90c.

Mangel Beets for Stock:

Giant Sludstrup. Pkt., 5c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Long Red Mammoth. Pkt., 5c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Sugar Klein Wanzleben. Pkt., 5c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

CABBAGE

Baby Head. Pkt., 10c; $\frac{1}{4}$ lb., \$3.00.

Copenhagen Market. Pkt., 5c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

Chinese Cabbage (Pe Tsal). Pkt., 5c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

CARROTS

Chantenay (Novelty):

Danver's Half Long. Pkt., 5c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

Nantes (Coreless). Pkt., 5c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

Oxheart. Pkt., 5c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

CAULIFLOWER

DANISH GIANT (or Dry Weather). Pkt., 20c; $\frac{1}{4}$ lb., \$7.50; lb., \$24.00.

Snowball. Pkt., 10c; $\frac{1}{4}$ lb., \$7.50; lb., \$24.00.

CELERIAC

Large Smooth Prague. Pkt., 10c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

CELERY

Golden Self Blanching. Pkt., 25c; $\frac{1}{4}$ lb., \$4.00; lb., \$15.00.

White Plume. Pkt., 10c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

CUCUMBERS

Boston Pickling. Pkt., 5c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

Davis Perfect. Pkt., 5c; $\frac{1}{4}$ lb., 75c; lb., \$2.00.

Extra Long. Pkt., 5c; $\frac{1}{4}$ lb., 55c; lb., \$1.75.

EGG PLANT

Black Beauty. Pkt., 10c; $\frac{1}{4}$ lb., \$1.75.

ENDIVE SALAD

Large Green Curled. Pkt., 10c; $\frac{1}{4}$ lb., 60c.

White Curled. Pkt., 10c; $\frac{1}{4}$ lb., 60c.

KOHLRABI

Early White Vienna. Pkt., 5c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

LETTUCE

Heading Varieties:

Big Boston. Pkt., 5c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

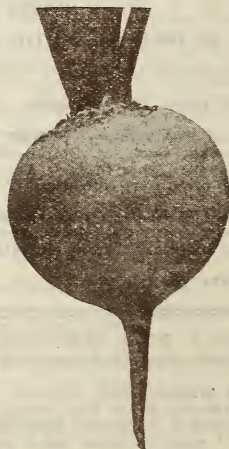
New York. Pkt., 5c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Prizehead. Pkt., 5c; $\frac{1}{4}$ lb., 65c; lb., \$2.00.

Loose Leaf Lettuce:

Grand Rapids. Pkt., 5c; $\frac{1}{4}$ lb., 65c; lb., \$2.00.

Simpson Black Seeded. Pkt., 5c; $\frac{1}{4}$ lb., 65c; lb., \$2.00.



Detroit Dark Red Beet

PEAS

Little Marvel. Pkt., 5c; $\frac{1}{4}$ lb., 20c; lb., 55c.
 Peter Pan. Pkt., 5c; $\frac{1}{4}$ lb., 20c; lb., 55c.
 Thomas Laxton. Pkt., 5c; $\frac{1}{4}$ lb., 20c; lb., 50c.
 Main and Late Crop Peas
 Melting Sugar Peas. Pkt., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c.
 Prizewinner. Pkt., 5c; $\frac{1}{4}$ lb., 20c; lb., 55c.
 Telephone. Pkt., 5c; $\frac{1}{4}$ lb., 20c; lb., 55c.

PEPPERS

Large Bell or Bull Nose. Pkt., 5c; $\frac{1}{4}$ lb., \$1.75.

PUMPKINS

New England Sugar or Pie. Pkt., 5c; $\frac{1}{4}$ lb., 30c; lb., 1.00.

RADISH

Early Scarlet Globe. Pkt., 5c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.
 French Breakfast. Pkt., 10c; $\frac{1}{4}$ lb., 35c; lb., 75c.
 Icicle. Pkt., 5c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.
 Sparkler. Pkt., 5c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

WINTER VARIETIES RADISHES

China Rose. Pkt., 5c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.
 Round Black Spanish. Pkt., 5c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

RHUBARB

Victoria. Pkt., 5c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

RUTABAGAS

American Purple Top. Pkt., 5c; $\frac{1}{4}$ lb., 25c; lb., 75c.

SALSIFY

Sandwich Island. Pkt., 5c; $\frac{1}{4}$ lb., 60c.

SQUASH

Des Moines Squash. Pkt., 10c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.
 Hubbard Warted.. Pkt., 5c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.
 Summer Crooked Neck. Pkt., 5c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

SPINACH

Long Season. Pkt., 5c; $\frac{1}{4}$ lb., 15c; lb., 50c.
 Victoria. Pkt., 5c; $\frac{1}{4}$ lb., 15c; lb., 50c.

SWEET CORN

Banton Evergreen. Pkt., 5c; $\frac{1}{4}$ lb., 15c; lb., 40c.
 Early Dow. Pkt., 5c; $\frac{1}{4}$ lb., 15c; lb., 40c.
 Golden Bantam. Pkt., 5c; $\frac{1}{4}$ lb., 15c; lb., 40c.

POPCORN

White Rice. Pkt., 5c; lb., 25c.

ONION SEED

Large Red Wethersfield. Pkt., 5c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.
 Prizetaker. Pkt., 5c; $\frac{1}{4}$ lb., 75c; lb., \$2.25.
 Southport Red Globe. Pkt., 5c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.
 Southport White Globe. Pkt., 5c; $\frac{1}{4}$ lb., 90c; lb., \$3.00.
 Special White Bunching. Pkt., 5c; $\frac{1}{4}$ lb., 85c; lb., \$2.75.
 White Portugal. Pkt., 5c; $\frac{1}{4}$ lb., 85c; lb., \$2.75.

MUSKMELONS

Extra Early Osage. Pkt., 5c; $\frac{1}{4}$ lb., 65c; lb., \$2.00.
 Rockyford. Pkt., 5c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

PARSLEY

Champion Moss Curled. Pkt., 5c; $\frac{1}{4}$ lb., 35c.
 Hamburg Turnip Rooted. Pkt., 5c; $\frac{1}{4}$ lb., 35c.

PARSNIPS

Hollow Crown. Pkt., 5c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

SWISS CHARD

Lucullus. Pkt., 5c; lb., 90c.

TOMATOES—RED

Avon, Early. Pkt., 15c; $\frac{1}{4}$ lb., \$2.75.
 Earliana. Pkt., 5c; $\frac{1}{4}$ lb., \$1.00.
 John Baer. Pkt., 10c; $\frac{1}{4}$ lb., \$1.50.

TOMATOES—YELLOW

Golden Queen. Pkt., 5c; $\frac{1}{4}$ lb., \$1.00.
 Yellow Husk. Pkt., 5c; $\frac{1}{4}$ lb., \$1.00.
 Yellow Pear and Red Plum. Pkt., 5c.

WATERMELON

Cole's Early. Pkt., 5c; $\frac{1}{4}$ lb., 40c; lb., \$1.15.
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1 Pks. Hollyhocks, all different 10	
3 Pks. Cosmos, all different	20
3 Pks. Pansies, all different	20
2 Pks. Verbena, all different	10
2 Pks. Stocks, all different	10
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2 Pks. Sweet Peas	20	2 Pkg. Fernola	25
2 Pks. Cosmos, Mixed	10	(The Wonder Plant Food)	
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3 Pkts. Acroclinium ..	12		

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1 Pks. Scarlet Runner	10	1 Pkt. Petunia E. V. White Spe- cial, Bedding Strain	20
1 Pks. Sunflower New Red	10		
1 Pks. Fernola The Wonder Plant food)	13		

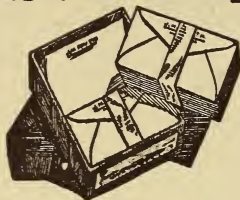
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